

N222RQ

AIRCRAFT LOG
AF5-1

JH.



PPG Industries, Inc.
COMMERCIAL COATINGS

PRIMER

K36

PRIMER

COLOR

FBC919387

COLOR

FBC920048

COLOR

CLEAR

F3905

AIRCRAFT DESCRIPTION

MANUFACTURER CIRRUS DESIGN CORP. MODEL SR-22T DATE OF MFG. DEC. 11

SERIAL NUMBER 0264 REGISTRATION NUMBER N222RQ

REGISTERED OWNER _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

OPERATOR _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

REGISTERED OWNER _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

OPERATOR _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

Inspection Status (Check one)

F.A.R. 91.409 ANNUAL/100 HOUR

F.A.R. 91.409 PROGRESSIVE

F.A.R. 135.419 A.T.C.O.

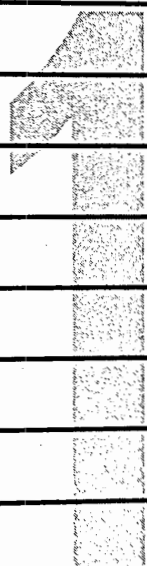
OTHER

DATE ENTERED _____

MAINTENANCE RESPONSIBILITY

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	TELEDYNE CONTINENTAL MOTORS	TS10-550K	R 1005688 L
ENGINE			R L
PROPELLER	HARTZELL PROPELLER INC.	PHC-13Y1F-IN	N1537B
PROPELLER			
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MAJOR ALTERATIONS

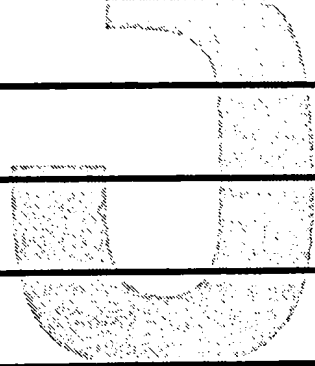
DESCRIPTION OF ALTERATION

DATE

DEC 01 2011

THE FOLLOWING SUPPLEMENTAL TYPE CERTIFICATE
NUMBER HAS BEEN INSTALLED ON THIS AIRCRAFT
SA01708SE

CDC  on DEC/ 0 1/ 2011.
Cirrus Design Corporation Duluth, MN USA
PC# 338CE



Life Limited Parts SR22T

PART NAME	PART NUMBER		EXPIRES
CAPS Rocket Motor	26601-001	S/N 0520	01/29/2021
CAPS Parachute	25337-002	S/N 0342	12/16/2021
CAPS Reefing Line Cutters	26707-001	S/N(L) 2137 S/N(R) 2143	10/2017
ELT Battery Pack	455-6608 452-62199	Date Installed 12/12/2011	09/2018
EMA Controller, AAIR	20902-001	A01NOV11-1 S/N	11/2018
Oxygen Bottle Assembly	102N0100-1	MFG Date 03-11	03/2026
CO Detector	24660-002	S/N 10542 92404	11/2018
Pilot Seat Inflator Assembly	20902-002	AASI 118Y S/N 20482	09/01/2021
Co-Pilot Seat Inflator Assembly	20902-002	AASI 118Y S/N 20472	09/01/2021

MAINTENANCE RECORD F.A.R. 43.9

BY:
- CERT. NO.

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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MAKE: Cirrus
MODEL: SR22T-FIKI
S/N: 22T-0264
REG. NO: 222RQ
WORK ORDER:
14605-12-2011



Cirrus Design Factory Service Center

Repair Station No. YD5R855Y
4514 Taylor Circle
Duluth, MN 55811
Phone: 218- 788-3438

DATE: 1/3/2012
A/C TSN: 1.9
HOBBS: 3.8

Airframe Entries

(3) Removed the engine cowling for paint repair. Re-installed the engine cowling after completion of paint work. Work done IAW SR-22 AMM 71-10 & 51-10.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 1/3/2012

SIGNED: *Joseph Sullivan*

Work Order: 14605-12-2011

Joseph Sullivan
Certified Repair Station No. YD5R855Y

Printed by EBis 3 (datcomedia.com)

MAKE: Cirrus
MODEL: SR22T-FIKI
S/N: 22T-0264
REG. NO: 222RQ
WORK ORDER:
14611-01-2012



Cirrus Design Factory Service Center

Repair Station No. YD5R855Y
4514 Taylor Circle
Duluth, MN 55811
Phone: 218- 788-3438

DATE: 1/5/2012
A/C TSN: 5.4
HOBBS: 9.1

Airframe Entries

(2) Adjusted Manifold Pressure Controller to acheive 36.5 MAP and 39.9 fuel flow. Performed operational check with satisfactory results. Ref TCM TSIO-550 Maintenance Manual M-18.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 1/5/2012

SIGNED: *Tim O'Reilly*

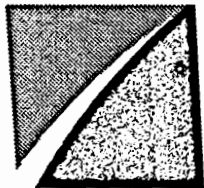
Work Order: 14611-01-2012

Tim O'Reilly
Certified Repair Station No. YD5R855Y

Printed by EBis 3 (datcomedia.com)

MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE



LANDMARK A V I A T I O N

14600 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N222RQ Date: February 6, 2012

Model # Cirrus SR-22 S/N 0264

ACTT: 22.6 HOBBS: 32.0

AIRFRAME LOG ENTRY

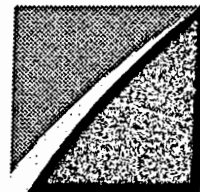
Replace RH brake caliper o-rings with new M83461/1-222 and blue Temp Sticker p/n 51698-001.

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. C29-12-00977**

Alan G. Warkentin

LANDMARK AVIATION

FAA CRS# LN3R663L



LANDMARK A V I A T I O N

14600 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N222RQ Date: February 22, 2012

Model # Cirrus SR-22 S/N 0264

ACTT: 27.7 HOBBS: 41.0

AIRFRAME LOG ENTRY

Replaced Flap down relay p/n 50288-001. Operational check was good.

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. C29-12-00977**

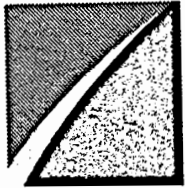
Don Bluff

LANDMARK AVIATION

FAA CRS# LN3R663L

MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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LANDMARK A V I A T I O N

14600 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400
N222RQ Date: March 27, 2012
Model # Cirrus SR-22 S/N 0264
ACTT: 33.8

AIRFRAME LOG ENTRY

Replaced Co-Pilot upper door latch p/n 21889-001.
 Operational check was good.

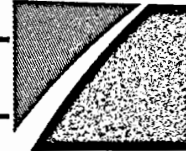
Replaced #3 CHT probe p/n 24584-001

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. C29-12-00989**

Alan C. Washburn

LANDMARK AVIATION

FAA CRS# LN3R663L



LANDMARK A V I A T I O N

14600 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400
N222RQ Date: June 15, 2012
Model # Cirrus SR-22T S/N 0264
ACTT: 58.4 HOBBS: 87.8

AIRFRAME LOG ENTRY

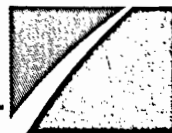
Replaced #3 CHT probe p/n 24584-001

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. C29-12-01039**

Brian Blank

LANDMARK AVIATION

FAA CRS# LN3R663L



LANDMARK AVIATION

14600 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N222RQ Date: October 19, 2012

Model # Cirrus SR-22T S/N 0264

ACTT: 81.4 HOBBS: 119.2

AIRFRAME LOG ENTRY

Removed nose wheel and tire assembly, found tube to be bad, replaced with new p/n 092-308-0. Cleaned, inspected and repacked wheel bearing with SHC100 grease. Serviced and installed assemblies.

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. C29-12-01095**

LANDMARK AVIATION

FAA CRS# LN3R663L

ANCE RECORD

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DRK F
DATA



LANDMARK AVIATION

14600 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N222RQ Date: December 7, 2012 1 of 2

Model # Cirrus SR-22T S/N 0264

ACTT: 90.6 HOBBS: 132.5

TSIO-550K S/N 1005688 ETT: 90.6

PHC-J3Y1F-1N s/n NJ537B PTT: 90.6

AIRFRAME LOG ENTRY

Accomplished the following 50/100 hour/ 6/12 month/Annual inspection in accordance with the manufacturer's recommendations.

50 hour/annual Precise Flight STC SA01708SE ICA checklist

1st annual inspection of the weldment & lower engine mount attach fittings.

100 hour lubrication requirements.

FAR 91.207(d) ELT system inspection, no defects noted. **ELT battery next due replacement 9/30//2018.**

SB 2X-57-13-R2 dated 7/31/2012, lower landing gear attach brackets torque, by retorquing the lower landing gear attach brackets.

SB 2X-71-22 dated 10/8/2012, Alternate air assy. bracket reinforcement., by modifying the assy. per SB.

SB 2X-95-14 dated 3/29/2012, CAPS safety wiring inspection.

SB 2X-95-15 dated 7/16/2012, CAPS fuselage harness rocket lanyard inspection.

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MAINTENANCE RECORD F.A.R. 43.9

AIRCRAFT TIME

DESCRIPTION OF WORK PERFORMED
OR APPROVED DATA USED

AGENCY & CERTIFICATION



LANDMARK AVIATION

14600 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N222RQ Date: May 15, 2013


Model: Cirrus SR-22T SN: 0264

ACTT: 112.9 HOBBS: 165.2

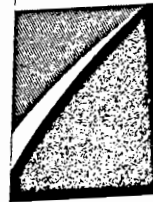
AIRFRAME LOG ENTRY

Bled LH MLG brake and performed satisfactory operational check, IAW Cirrus MM 32-42.

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. C29-13-01190**


LANDMARK AVIATION

FAA CRS: LN3R663L



LANDMARK AVIATION

600 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N222RQ Date: June 25, 2013

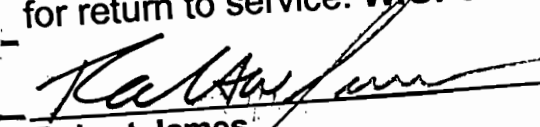
Model: Cirrus SR-22T SN: 0264

ACTT: 120.7 HOBBS: 176.4

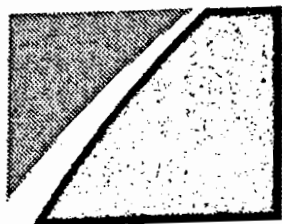
AIRFRAME LOG ENTRY

Removed CO2 Detector PN: 24660-003 SN: 10542 and installed new detector PN: 24660-003 SN: 10522.

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. C29-13-01194**


Robert James

A&P 2781727



LANDMARK AVIATION

14600 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N222RQ Date: December 26, 2013

Model: Cirrus SR-22T SN: 0264

ACTT: 142.9 HOBBS: 206.9

AIRFRAME LOG ENTRY

Installed new Nose wheel fairing seal p/n 53361.001U

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. C29-13-01209**

LANDMARK AVIATION

FAA CRS: LN3R663L

LANDMARK AVIATION



LANDMARK AVIATION

14600 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N222RQ Date: March 14, 2014

Model: Cirrus SR-22T SN: 0264

ACTT: 155.2 Hobbs 224.1

AIRFRAME LOG ENTRY

Removed Integrated Flap Panel and Installed New Flap panel
IAW Precise Flight ICA

	P/N	S/N
Removed	015A0330-1	IFS001136
Installed	015A0330-1	IFS001599

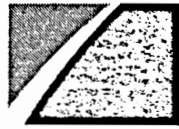
I certify that the above stated maintenance was performed in
accordance with the current FAR's W.O. C29-14-01293

LANDMARK AVIATION

FAA CRS: LN3R663L

MAINTENANCE RECORD F.A.R. 43.9

DATE OF
COMPLETION



LANDMARK AVIATION

14600 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N222RQ Date: March 20, 2014

Model: Cirrus SR-22T SN: 0264

ACTT: 157.3 Hobbs 227.5

AIRFRAME LOG ENTRY

SB 2X-71-25 C/W by installing listed parts IAW Service Bulletin instructions.

Part	P/N	Qty
Flange Stiffener, Intercooler	37196-001	2ea
Flange Stiffener, LH Inboard	37196-002	1ea
Screws	MS27039-0810	8ea

Removed Display Logic Assy and Installed New DLA.
Operational Check Good IAW Precise Flight STC SA01708SE
ICA Instructions.

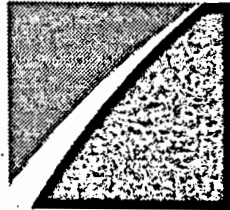
	P/N	S/N
Removed	100N2030-1	MFD00633
Installed	100N2030-1	MFD00903

I certify that the above stated maintenance was performed in
accordance with the current FAR's **W.O. C29-14-01325**

LANDMARK AVIATION

FAA CRS: LN3R663L

AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE



LANDMARK AVIATION

14700 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N222RQ Date: September 29, 2014

Model: Cirrus SR-22T SN: 0264

ACTT: 176.2 Hobbs 255.0

AIRFRAME LOG ENTRY

Removed aircraft battery and replaced with new. New Battery serviced and charged prior to installation. Operational Check good. IAW SR22T MM 24-30 and Concorde Battery RG series CMM 24-30-17

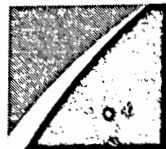
	P/N	S/N
Removed	RG24-11M	40467252
Installed	RG24-11M	40681193

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. C29-14-01350**

LANDMARK AVIATION

FAA CRS: LN3R663L

DATE OF COMPLETION



LANDMARK AVIATION

14700 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N222RQ Date: December 3, 2014

Model # Cirrus SR-22T S/N 0264

ACTT: 178.2 HOBBS: 258.5

TSIO-550K S/N: 1005688 ETT: 178.2

PHC-J3Y1F-1N S/N: NJ537B PTT: 178.2

AIRFRAME LOG ENTRY

Accomplished the following 50/100 hour/ 6/12 month/Annual inspection in accordance with the manufacturer's recommendations.

100/200 hour lubrication requirements.

FAR 91.207(d) ELT system inspection, no defects noted. **ELT battery next due replacement 9/30/2018.**

Removed Oleo strut and installed new. IAW SR22T.MM 32-20

Oleo Strut	P/N	S/N
Removed	0346-800	1011-2
Installed	0346-800	0914-30

Installed new non serialized parts:

2 ea Induction Air filter p/n P616824

I certify that this **AIRCRAFT** has been inspected in accordance with an **ANNUAL** inspection and was found to be in an Airworthy Condition. **W.O. C29-14-01395**

Landmark Aviation

FAA CRS# LN3R663L

AGE WORK PERI

MAINTENANCE RECORD F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE



N222RQ
AC Hobbs: 209.4

AIRFRAME
Cirrus SR-22T

6/22/2015
S/N: 0264

- Removed a Garmin GMA 347 audio panel P/N 011-00807-30 S/N 15H006195 and installed a Garmin GMA 350 audio panel P/N 010-00871-01 S/N 1UF006714 IAW Garmin 350/350H installation manual and aircraft wiring manual 31-40. Ground operational check satisfactory.

THIS AIRCRAFT WAS INSPECTED AND/OR REPAIRED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR THE ABOVE WORK PERFORMED. PERTINENT DETAILS ARE ON FILE UNDER WORK ORDER: 94030516.

Bill Forbes A & P 3107736 _____

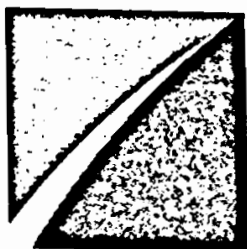
EXECUTIVE AIRCRAFT MAINTENANCE
7920 E. GREENWAY ROAD SCOTTSDALE, AZ 85260 480-991-0900

211

92

SR22T S/N: 0264

AIRFRAME LOG



**LANDMARK
A V I A T I O N**

14700 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N222RQ Date: November 24, 2015

Model: Cirrus SR-22T SN: 0264

ACTT: 235.4 Hobbs 339.4

AIRFRAME LOG ENTRY

Removed and installed new fuel pump IAW Cirrus SR22T MM 28-20-00 operational check good

Fuel Pump	P/N	S/N
Removed	5217-00-3	5341
Installed	5217-00-3	6815

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. C29-15-01546**



LANDMARK AVIATION

FAA CRS: LN3R663L



LANDMARK AVIATION

14700 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N222RQ Date: December 14, 2015 1 of 2

Model: Cirrus SR-22T SN: 0264

ACTT: 235.4 Hobbs 339.5

AIRFRAME LOG ENTRY

Accomplished the following 50/100 hour/ 6/12 month/Annual inspection in accordance with the manufacturer's recommendations.

FAR 91.207(d) ELT system inspection, no defects noted.
Battery next due replacement 9/2018

Complied with the following SB

SB 2X-71-27R1 inspection of alternate air box bracket

SB 2X-42-10R2 Perspective avionics system update to version 0764.23

SB 2X-28-12R1 Electric fuel pump inspection, no leaks noted

Replaced broken well nuts in baggage compartment with new P/N 50763-002 IAW Cirrus SR22T MM 52-30

Replaced L/H and R/H TKS filters with new P/N 26115-101, serviced system with new fluid IAW Cirrus SR22T MM 30-07

Replaced L/H and R/H TKS fluid line O-rings with new P/N 15164-094 and purged system IAW Cirrus SR22T MM 30-07 no leaks noted

Serviced nose strut IAW Cirrus SR22T MM 12-10 no leaks noted



LANDMARK A V I A T I O N

14700 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N222RQ Date: December 14, 2015 2 of 2

Replaced R/H brake O-ring with new P/N 101-34500 IAW
Cirrus SR22T MM 32-42

I certify that the ATC Transponder has been tested as required
by FAR 91.413 and was found to comply with FAR 43,
Appendix F.

#1 Transponder: **89122262** #2 Transponder: **N/A**

Date: 12/11/2015, Work Order #: **C29-15-01544**

I certify that the altimeter and altitude reporting
equipment have been tested as required by FAR 91.411,
and were found to comply with FAR 43, Appendix E.

Pilot's Alt. to: **25,000 FT.** Standby Alt. to: **25,000 FT.**

#1 Encoder to: **25,000 FT.** #2 Encoder to: **25,000 FT**

Date: 12/05/2012 Work Order #: **C29-15-01544**

I certify that this **AIRCRAFT** has been inspected in
accordance with an **ANNUAL** inspection and was found to be
in an Airworthy Condition. **W.O. C29-15-01544**

Landmark Aviation

FAA CRS# LN3R663L



LANDMARK A V I A T I O N

14700 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N222RQ Date: December 18, 2015

Model: Cirrus SR-22T SN: 0264

ACTT: 235.4 Hobbs 339.5

AIRFRAME LOG ENTRY

SB15-3 which accomplishes the requirement of SB 2X-71-27R1 installed Alternate air bracket using additional spacer P/N 27075-001 and belt P/N MS90725-36 IAW SB 2X-71-27R1 and SB15-3

Replaced #3 spark plug with new P/N RHB32E IAW Continental TSIO 550 Section 6-3.9.9 operational check good

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. C29-15-01544**

LANDMARK AVIATION

FAA CRS: LN3R663L



LANDMARK A V I A T I O N

14700 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N222RQ Date: December 31, 2015

Model: Cirrus SR-22T SN: 0264

ACTT: 239.1 Hobbs 347.1

AIRFRAME LOG ENTRY

Replaced R/H brake lining with new P/N 066-6200 bled brakes IAW Cirrus SR22T MM 32-42 operational check good

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. C29-15-01565**

LANDMARK AVIATION

FAA CRS: LN3R663L



LANDMARK A V I A T I O N

14700 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N222RQ Date: January 28, 2016

Model: Cirrus SR-22T SN: 0264

ACTT: 244.2 Hobbs: 356.0

AIRFRAME LOG ENTRY

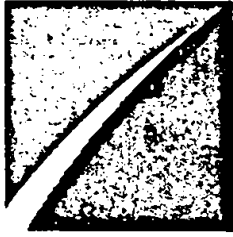
Replaced oil pressure sending unit with new P/N 12635-004
IAW SR22T MM 79-30 operational check good

Removed oil separator cleaned, airdried reinstalled IAW
SR22T MM 79-30 operational check good

I certify that the above stated maintenance was performed in
accordance with the current FAR's and this aircraft is approved
for return to service. **W.O. C29-15-01575**


LANDMARK AVIATION

FAA CRS: LN3R663L



LANDMARK A V I A T I O N

14700 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N222RQ Date: March 4, 2016
Model: Cirrus SR-22T SN: 0264
ACTT:264.4 Hobbs: 384.8
AIRFRAME LOG ENTRY

Replaced oil pressure sending unit with new P/N 12-635-004
B0316 and Sensor assembly connector p/n 29613-001 IAW
SR22T MM 79-30 operational check good

I certify that the above stated maintenance was performed in
accordance with the current FAR's and this aircraft is approved
for return to service. **W.O. C29-16-01588**



LANDMARK AVIATION

FAA CRS: LN3R663L



S I G N A T U R E

TECHNICAIR™

Aircraft Maintenance

A BBA Aviation company

14700 North Airport Drive • Scottsdale, AZ 85260 • (480) 443-7267

N222RQ Date: November 18, 2016

Model # Cirrus SR-22 S/N 0264

ACTT: 352.0 HOBBS: 505

AIRFRAME LOG ENTRY

Replaced both disc brake rotors, P/N 164-02504, and linings,
P/N 066-06200 IAW Cleveland MM

Flushed brake fluid IAW Cirrus SR22T MM 32-42

Replaced #1 alternator brushes P/N ALE3043BS IAW TCM
SB112

I certify that the above stated maintenance was performed in
accordance with the current FAR's and this aircraft is approved
for return to service. **W.O. C29-16-01727**

Signature TechnicAir

FAA CRS# LN3R663L



S I G N A T U R E

TECHNICAIR™

Aircraft Maintenance

A BBA Aviation company

14700 North Airport Drive • Scottsdale, AZ 85260 • (480) 443-7267

N222RQ Date: December 23, 2016

Model: Cirrus SR-22T SN: 0264

ACTT: 341.3 Hobbs: 488.7

AIRFRAME LOG ENTRY

Accomplished the following 50/100 hour/ 6/12 month/Annual inspection in accordance with the manufacturer's recommendations.

AD 2016-21-04 N/A previously removed from engine

12 Month Induction air filter replacement, replaced filter with new P/N 27166-001 (2ea) IAW Cirrus SR22 MM 72-60

12 Month Precise Flight STC SA01708SE ICA checklist

FAR 91.207(d) ELT system inspection, no defects noted. **Battery next due replacement 9/2018**

Replaced R/H "NO STEP" placard with new P/N 12433-001 IAW Cirrus SR22 MM 11-20

Removed and installed new Main battery IAW Concord Instructions operational check good

Main Battery	P/N	S/N
Removed	RG24-11M	40681193
Installed	RG24-11M	40849723

Cleaned and lubed throttle cable IAW Cirrus SR22 MM 12-20 operational check good

Replaced TKS aluminum OLIVE under pilot side floor board with new P/N 15164-032 IAW Cirrus SR22 MM 30-05 no leaks noted

I certify that this **AIRCRAFT** has been inspected in accordance with an **ANNUAL** inspection and was found to be in an Airworthy Condition.
W.O. C29-16-01747

Signature TechnicAir

FAA CRS# LN3R663L



S I G N A T U R E

TECHNICAIR™

Aircraft Maintenance

A BBA Aviation company

14700 North Airport Drive • Scottsdale, AZ 85260 • (480) 443-7267

N222RQ Date: February 9, 2017

Model # Cirrus SR-22 S/N 0264

ACTT: 352.0 HOBBS: 505.1

AIRFRAME LOG ENTRY

Replaced L/H and R/H disc brakes and linings with new P/N
164-02504 (2ea) P/N 066-06200 (8ea) IAW Cleveland MM Sec
300

Flushed brake fluid IAW Cirrus SR22T MM 32-42

I certify that the above stated maintenance was performed in
accordance with the current FAR's and this aircraft is approved
for return to service. **W.O. C29-17-01765**

Signature TechnicAir

FAA CRS# LN3R663L

CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N222RQ
10-02-17

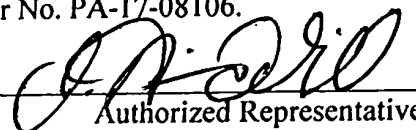
Cirrus Design SR22T
Hobbs: 565.0 Hrs

S/N: 0264
Flight Hour Meter: 399.2 Hrs

Maintenance performed:

- Reefing line cutters due time change. Removed old line cutters and installed Cirrus kit P/N 25347-002. Installed line cutters P/N 26707-001 S/N 11701 and S/N 11681 both with a manufacture date of 8/17. Work done IAW Cirrus SR22T CAPS CMM 95-01-01 pgs. 14-19. Next replacement date of 8/2023.
- Complied with **SB2X-32-22R1** Nose landing gear strut assembly inspection. No defects noted at this time.

I certify that with respect to the work performed this aircraft was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. PA-17-08106.


Authorized Representative

Crownair Aviation
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N222RQ
12-08-17

Cirrus Design SR22T
Hobbs: 577.7 Hrs

S/N: 0264
Flight Hour Meter: 409.1 Hrs

Maintenance performed:

- Complied with **Annual Inspection** using Crownair Aviation Annual / 100 Hour Inspection Checklist, Form CA-105. Researched ADs through bi-weekly issue of this date, all ADs are in compliance at this time.
- Performed ELT inspection/test per Artex Install Manual ME406ELT 570-1600 and **FAR 91.207(d)** on ELT P/N 453-6603 S/N 197-10125, no defects noted. Battery due SEP 2018.
- Performed **FAR 91.411 Part 43 Appendix E** and **FAR 91.413 Appendix F**. certified the following components to 25,000ft: ADC #1 P/N 24651-001 S/N 20611842, ADC #2 P/N 24651-001 S/N 20611851, Standby Altimeter P/N 12731-001 S/N 492743 and Transponder P/N 24653-002 S/N 89122262. No defects noted.
- Complied with **SB2X-32-22R1** Nose gear strut assembly inspection, no defects noted.
- Complied with **SA13-01** Exhaust crack inspection, no defects noted.
- Complied with **SB2X-52-08R2** Door strut catcher/diverter replacement, installed kit P/N 70544-001.
- Replaced #2 batteries with 2 new P/N 50979-001, system checks good.
- Replaced TKS filter with 2 new P/N 26115-101 and o-rings, leak check system checks good.
- Serviced oxygen to full.

I certify that this aircraft has been inspected in accordance with an **Annual inspection** and was determined to be in airworthy condition.

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order No. PA-17-08171.


Authorized Representative


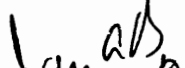


SR22T S/N: 0264

AIRFRAME LOG

PAGE: 11

V

 Glendale Aero Services 6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930	Registration: N222RQ		AIRFRAME LOG
	Date: 2/8/2018	W/O: 6002292	
	Model: SR22T	Flt Hobbs: 420.4	
	S/N: 0264	Hobbs: 592.2	
Accessed and removed existing #2 alternator p/n 657199 s/n H-L101045 and installed new #2 alternator from Hartzell Engine Technologies p/n 657199 s/n H-R101968 using existing serviceable belt and existing hardware. Removed and replaced power terminal with new. Performed post installation ground run-up, operational checks normal with no leaks or defects noted. MX performed IAW Cirrus SR22T AMM Chapter 24-30.			
SIGNATURE: <i>James Butler</i> 		FAA AUTHORIZATION: 2833700 IA	

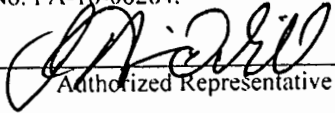
CROWNAIR
 FAA Approved Repair Station #CWNR273K
 3753 John J. Montgomery Dr.
 San Diego, CA 92123

N222RQ	Cirrus Design SR22T	S/N: 0264
05-15-18	Hobbs: 622.9 Hrs	Flight Hour Meter: 444.8 Hrs

Maintenance performed:

- Jacked aircraft and removed nose wheel assembly and disassembled. Cleaned, inspected and grease wheel bearings. Reassembled with new tire P/N 301-016-420 S/N 73212009 and reinstalled to aircraft. Lowered aircraft from jacks.

I certify that with respect to the work performed this **airframe** was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. PA-18-08284.



 Authorized Representative



SIGNATURE
TECHNICAIR™

Aircraft Maintenance
A BBA Aviation company

8014 E. McClain Dr. Ste. 210 • Scottsdale, AZ 85260 • (480) 443-7267

N222RQ HOBBS: 641.8 ACTT: 459.8

Model: Cirrus SR22T SN: 0264 Date: 08/17/2018

Engine: Continental TSIO550K S/N 1005688 TTE: 459.8 TSMOH: -

Propeller: Hartzell PHC-J3Y1F-1N S/N NJ537B TT: 459.8 TSMOH: -

AIRFRAME LOG ENTRY

- 1. Removed and replaced ELT battery IAW Installation Instructions for Artex Aircraft Supplies, Inc. Battery Pack part number 452-6499, Document 571-6504 Rev. E. Performed 12 Month ELT Inspection per 91.207D. Operational Check Satisfactory. New battery Exp. Jun 2025.

Unit	POS	P/N OFF	S/N OFF	P/N ON	S/N ON	COND
ELT Battery	Only	452-6499	40958-222	452-6499	377463-025	New

Work accomplished I certify this article has been repaired and inspected in accordance with the current federal aviation regulations and was determined to be in airworthy condition with respect to the work performed and is approved for return to service W.O. S29-18-10876

Signature TechnicAir

FAA CRS: LN3R663L



SIGNATURE
TECHNICAIR™

Aircraft Maintenance
A BBA Aviation company

8014 E. McClain Dr. Ste. 210 • Scottsdale, AZ 85260 • (480) 443-7267

N222RQ Date: 10/31/2018

Model: Cirrus SR-22 S/N: 0264 HOBBS:652.9 ACTT: 468.3

AIRFRAME LOG ENTRY

Removed seatbelt controller for time change and installed NEW unit IAW Cirrus AMM 25-10

RH Unit	POS	P/N OFF	S/N OFF	P/N ON	S/N ON	COND
Controller	Only	508358-421	A01NOV11-1	23080-050	508358-421	New

I certify this article has been repaired and inspected in accordance with the current federal aviation regulations and was determined to be in airworthy condition with respect to the work performed and is approved for return to service W.O. C29-18-01882

Signature TechnicAir

FAA CRS: LN3R663L

Crownair Aviation
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

N222RQ
12-14-18

Cirrus Design SR22T
Hobbs: 660.2 Hrs

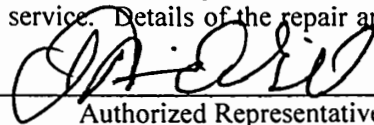
S/N: 0264
Flight Hour Meter: 473.2 Hrs

Maintenance performed:

- Complied with **Annual Inspection** using Crownair Aviation Annual / 100 Hour Inspection Checklist, Form CA-105. Researched ADs through bi-weekly issue of this date, all ADs are in compliance at this time.
- Performed ELT inspection/test per Artex Install Manual ME406ELT 570-1600 and **FAR 91.207(d)** on ELT P/N 453-6603 S/N 197-10125, no defects noted. Battery due JUN 2025.
- Complied with Precise Flight ICAs for the built in oxygen system.
- Complied with **SA13-01** Exhaust crack inspection, no defects noted.
- Complied with **SB2X-74-02** Ignition switch security by applying thread lock to switch.
- Complied with **SB2X-42-15** Mandatory Perspective G1000 software update to version 0764.35. No defects noted.
- Complied with AmSafe seat belt air bag check using diagnostic tool P/N 508987-401. No defects noted.
- Complied with weight check of fire extinguisher, checks good at 508grams.
- Removed deteriorated sealant from top center com antenna, prepped area and applied new sealant.
- Cleaned inspected and greased all wheel bearings at this time.
- Reinstalled oxygen bottle after Hydro test by Compressed Gas Systems, cylinder S/N 6268-2029. Next hydro test due 12/2023 and expires 3/2026. Serviced system to full and leak checks good.
- Serviced nose oleo strut with nitrogen with Ref. to Cirrus SR22T AMM 12-10 and 32-20.

I certify that this aircraft has been inspected in accordance with an **Annual inspection** and was determined to be in airworthy condition.

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order No. PA-18-08428.



Authorized Representative

RADIO & ELECTRONIC CHECKS

GEMINI AIRGROUP

15001 North Airport Drive • Scottsdale, AZ 85260 • (480)991-5387

Tail Number: N222RQ Model: Cirrus SR22T S/N: 0264 Date: Dec 20, 2019
Hobbs: 720.8 FLT Hobbs: 516.8

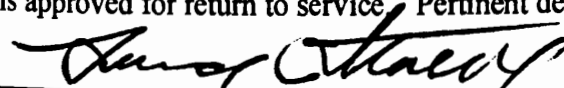
AIRFRAME LOG ENTRY

Accomplished the following maintenance:

1. I certify that the Altimeter and Altitude Reporting equipment has been tested to 25,000 ft. as required by CFR 91.411, and were found to comply with CFR 43, Appendix E.
Pilot's #1 ADC Garmin GDC 74A, PN 011-00882-10, SN 20611842
Copilots #2 ADC Garmin GDC 74A, PN 011-00882-10, SN 20611851
Stdby Altimeter PN 5934AD-3, SN A61383, code A-258G
2. I certify that the aircraft pitot and static system has been leak tested in accordance with Cirrus Aircraft SR22T AMM Rev. B8, dated 04 Sep 2018, 34-10, Functional Test, dated 9 DEC 2019. Static system leak rate -12 ft/min, Pitot leak rate -0.41 kts/min. Air Data Test Set, DPS-450, SN 50500261, Tool ID GT057 Cal Next Due 25 Jun 2020.
3. I certify that the ATC Transponder has been tested as required by CFR 91.413 and was found to comply with CFR 43, Appendix F.
Transponder #1 Garmin GTX-33, PN 011-00779-30, SN 89122262
Ramp test set, IFR 6000, SN 2000000439, Tool ID GT060, Next Cal Due 30 Nov 2020.
4. Performed inspection per CFR 91.207(d) in accordance with Artex ME406 Installation & Maintenance Manual 570-1600 Rev G, Chap 4, Para 4.1 Periodic Maintenance for the USA, sub para. 4.4.3 thru 4.4.10.
ELT Model ME406, PN 453-6603, SN 197-10125. Battery PN 452-6499 expires Jun/2025.
Digital Hex ID checked & matches, ADCC409E3400315.

I certify that the work listed above was repaired and inspected in accordance with the current Code of Federal, Title 14, Vol 1, Chap 1, part 43 and is approved for return to service. Pertinent details are on file at this agency under WO# A-1219317.

Signature: _____



Lance Terrill

Cert: FAA CRS GNUR484X Date 20 Dec 2019



14700 North Airport Drive • Suite 130 • Scottsdale, AZ 85260 • (480)991-5387

Tail Number: N222RQ Model: SR22T S/N: 0264 Date: Oct 17, 2019
Hobbs Meter: 706.9 ACTT: 507.8


AIRFRAME LOG ENTRY

Accomplished the following unscheduled maintenance:

Removed 12 ea. Spark plugs from #1 Cylinder Upper and Lower, #2 Cylinder Upper and Lower, #3 Cylinder Upper and Lower, #4 Cylinder Upper and Lower, #5 Cylinder Upper and Lower, and #6 Cylinder Upper and Lower. Replaced all with New Spark Plugs. P/N: URHB32E. Cleaned, gapped, rotated remaining spark plugs and reinstalled plugs with new M674 gaskets and anti-seized as required. (Torque wrench ID 013 CAL DUE 06-30-2020). All work performed IAW Continental Engine 10-550-K / TCM M.M Chap. 16-3. Installed new ignition harness (P/N: 10-421674-21, S/N: K19B) (Torque wrench GT013 CAL DUE 06-30-2020) IAW Cirrus SR22T AMM Chapter 74-20.

Performed satisfactory post maintenance ground/leak checks, no defects noted at this time IAW Cirrus SR22T AMM Chapter 05-30).

I certify that this aircraft has been Inspected/Repaired IAW the current FAA Regulations and Cirrus SR22T Maintenance Manual P/N 13773-001, Rev. B., dated June 2010. This Aircraft has been determined to be in an airworthy condition and is approved to return to service in regards to the work accomplished. For additional details see W/O# 1019218.

Signature:  Cert: FAA CRS# GNUR484X



15001 North Airport Drive • Scottsdale, AZ 85260 • (480)991-5387

Tail Number: N222RQ Model: Cirrus SR22T S/N: 0264 Date: Dec 20, 2019
Hobbs: 720.8 FLT Hobbs: 516.8 AFTT: 516.8

AIRFRAME LOG ENTRY

Accomplished the following maintenance:

1. Removed L/H and R/H Induction Air Filter (P/N 27166-001 S/N N/A) and replaced with new L/H and R/H Induction air filter (P/N 27166-001 S/N Unknown) all work was performed IAW Cirrus SR22T AMM Chapter 71-60-00 Installed (1) P197268 - Air Filter.
2. Removed Co-pilot window edge sealant in aft corner and re-applied new sealant (P/N18353-009) all work was performed IAW Cirrus SR22T AMM Chapter 56-30 and 20-10.
3. Removed Pilot and Co-Pilot door neoprene door seals cleaned all excess adhesive and installed new neoprene door seals (P/N 53169-188U) all work was performed IAW Cirrus SR22T AMM Chapter 20-30 and Chapter 53-40.
4. Removed copilots seat, realigned seat base footing. Reinstalled co-pilot seat, operational check satisfactory Reference Cirrus SR22T AMM 25-10.
5. Removed alternator belt and installed new belt (P/N 657970 S/N N/A). Tensioned belt, torqued lowering adjusting bolt to proper specifications (torque wrench tool ID: GT009 CAL CUE 06-30-2020) lock wired bolt, re-installed forward baffling operational check satisfactory all work was performed IAW Cirrus SR22T AMM Chapter 24-30, 2, D.
6. Removed L/H and R/H brake assemblies and installed New Linings (P/N 066-06200) Reinstalled L/H and R/H brake assemblies torqued 90-inch/lbs. (Torque wrench tool ID: GT013 CAL DUE 06-30-2020). Operational check satisfactory all work was performed IAW Cirrus SR22T AMM Chapter 32-42. Installed (4) 066-06200 - Brake Lining, Installed (1) 068-01100 - Shim.
7. Removed Pilot and Co-Pilot door gas struts (P/N GGS48-080-K) and replaced with 1 ea. new gas struts per side (P/N 18200-003 S/N N/A). Performed operational check satisfactorily. All work was performed IAW Cirrus SR22 AMM Chapter 52-10.

Continued page 2.



15001 North Airport Drive • Scottsdale, AZ 85260 • (480)991-5387


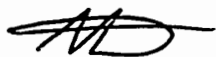
- 8. Removed L/H Main Wheel assembly and disassembled cleaned and inspected wheel halves and bearings no defects noted at this time, removed tire (P/N 156E66-4 S/N 41812142) and tube (P/N 097-500-0 S/N N/A). Installed new tube (P/N 14076-002 S/N Unknown) and new tire (P/N 156E66-4 S/N 82632303). Reassembled wheel assembly and torqued to manufacturers specifications (Torque wrench tool ID: GT013 CAL DUE 06-30-2020) serviced tire to 63 PSI (Tire gauge tool ID: GT046 CAL DUE 05/20/2020) re-packed bearings with SHC-100 bearing grease and re-installed, re-installed L/H wheel assembly back onto aircraft torqued to 200 inch/lbs. backed off and final torque 125 inch/lbs. all work was performed IAW Cirrus SR22T AMM Chapter 32-41 and Chapter 12-10 also Cleveland component maintenance manual AWBCMM0001-12/USA section 300).
- 9. Removed Nose wheel assembly, removed cleaned and inspected bearings found to have been overheated discarded (P/N 214-00400 S/N Unknown). Installed new bearings (P/N 214-00400 S/N Unknown). Repacked with SHC-100 bearing grease and installed in wheel assembly, installed wheel assembly onto aircraft and torqued to 150 inch/lbs. (Torque wrench too ID: GT013 CAL DUE 06-30-2020) all work was performed IAW Cirrus SR22T AMM Chapter 32-41.
- 10. Removed R/H Main wheel assembly cleaned and inspected bearings. Repacked with SHC-100 bearing grease and installed in wheel assembly, installed wheel assembly onto aircraft and torqued to 150 inch/lbs. (Torque wrench too ID: GT013 CAL DUE 06-30-2020) all work was performed IAW Cirrus SR22T AMM Chapter 32-41.
- 11. Removed main aircraft battery, complied with main battery capacity check (Tool ID: GT 030 CAL DUE: 12-19-2020) no defects noted, charged battery (Charger: S/N 80T43306 CAL DUE 12-2020), re-installed battery in aircraft, operational check satisfactory all work was performed IAW Concorde CMM 24-30-71 and Cirrus SR22 AMM Chapter 24-30.
- 12. Performed 500 Hr. Engine weldment, verified torque on attachment bolts, check torqued to 465 inch/lbs. (Torque wrench ID: GT009 CAL DUE 06-30-2020) IAW Cirrus SR22T AMM 5-20 and Chapter 20-40.
- 13. Performed 2 year, FIKI in line strain servicing IAW Cirrus SR22T AMM 30-07.
- 14. Performed annual Tanis Maintenance and Inspections IAW Tanis Document TICA3052, Rev A, Dated Aug 29, 2014, Sec 8, Para. 8.1 – 8.6, all steps passed.
- 15. Performed 500 Hr. Alternator 1 and 2 inspection in accordance with Continental TSIO550K Stand Practices Manual Chap. 10-4 and Cirrus SR22T AMM chap. 24-30.

I certify that this Aircraft has been inspected in accordance with an Annual Inspection within the scope and detail of CFR Part 43 Appendix D and was found to be in an Airworthy Condition.

I certify that the work listed above was repaired and inspected in accordance with the current Code of Federal Regulations, Title 14, Vol 1, Chap 1, part 43 and is approved for return to service. Pertinent details are on file at this agency under WO# 1119273.

Signature:  Gene Sorkine

Cert: FAA CRS GNUR484X,

 Glendale Aero Services 6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930	Registration: N222RQ		AIRFRAME LOG
	Date: 2/24/2020	W/O: 6003121	
	Model: SR22T	Fit Hobbs: 535.1	
	S/N: 0264	Hobbs: 747.1	
Removed existing CO detector p/n 454-201-001B s/n 10522 to send out for repair. Installed same CO detector p/n 454-301-002RX s/n 10522 in rebuilt condition, reference FAA Form 8130-3 from CO Guardian, LLC. under work order 6684 dated 2/20/2020 for details. Operational checks normal. MX performed IAW Cirrus SR22 AMM Chapter 31-20-01.			
Removed existing A/C control panel p/n DL010E0000 s/n D010E0300-1 Rev. D 12/11. Installed new A/C control panel Cirrus p/n 22101-001 s/n D010E0000 Rev. R 01/20 with existing hardware. Operational checks normal. MX performed IAW Cirrus SR22 AMM Chapter 31-20.			
SIGNATURE: Matthew Hatfield			
		FAA AUTHORIZATION: 2766522 IA	



Glendale Aero Services

6841 N. Glen Harbor Blvd
Glendale, AZ 85307
623-414-4930

Registration: **N222RQ**

AIRFRAME LOG

Date: 9/28/2020

W/O: 8000469

Model: SR22T

Flt Hobbs: 571.3

S/N: 0264

Hobbs: 799.3

Lubricated throttle and mixture control rods with Molykote 33 Medium as required. Operational checks normal. MX performed IAW Cirrus SR22T AMM Chapter 20-00.

Repaired threads on RH outboard wheel fairing attach bracket and re-secured fairing with existing screw. MX performed IAW the Cirrus SR22T AMM CH 32-10.

Removed existing main aircraft battery p/n RG24-11M s/n 40849723. Installed new Concorde Battery p/n RG24-11M s/n 41099812. Operational checks normal. MX performed IAW the Cirrus SR22T AMM CH 24-30.

SIGNATURE: *Matthew Hatfield*

FAA AUTHORIZATION: 2766522 IA

**Glendale Aero Services**

6841 N. Glen Harbor Blvd
 Glendale, AZ 85307
 623-414-4930

Registration: **N222RQ****AIRFRAME LOG**

Date: 1/12/2021

W/O: 8000586

Model: SR-22T

Fit Hobbs: 617.7 Hobbs: 860.8

S/N: 0264

TTAF: 617.7

Complied with an annual inspection IAW 14 CFR 43 Appendix D & in reference to the Cirrus Aircraft 100 Hr. / Annual inspection checklist CH 5-20 & Precise Flight ICA.

AD's researched thru T-Data content revision 2021-01, see attached AD compliance list for details.

Life Limited Parts Status:

1. CAPS Rocket Motor p/n 26601-001, s/n 0520. **Expires 01/2021**
2. CAPS Parachute p/n 25337-002, s/n 0342. **Expires 12/2021**
3. CAPS Reefing Line Cutters p/n 26707-001, s/n 11701, 11681. **Expires 10/2023**
4. ELT Battery Pack. p/n 452-62199 **Expires 06/2025**
5. EMA Controller, AAIR p/n 23080-050, s/n 508358-421. **Expires 10/2025**
6. Oxygen Bottle Assembly p/n 102N0100-1, MFG Date 3/2011. **Expires 03/2026**
7. CO Detector p/n 454-201-001B s/n 10522. **Expires 02/2027**
8. Pilot Seat Inflator Assembly p/n 20902-002 s/n 20482. **Expires 09/2023**
9. Co-pilot Seat Assembly p/n 20902-002 s/n 20472. **Expires 09/2023**

Complied with 14 CFR 91.207 (d) ELT, by installation inspection and operational check. Operational checks normal. Battery replacement next due **6/2025**.

Cirrus mandatory **SB 2x-32-25** Oleo strut production number inspection by visual inspection. Confirmed SB is N/A. Installed Oleo strut production number not in affected range. Oleo strut production number is 0420-16. No further action is required.

Complied with Cirrus mandatory **SB2x-27-17** by removing existing flap relays P643 and P642. Installed new single flap relay Cirrus p/n 29409-002 s/n 003515. Operational checks normal. MX performed IAW SB2x-27-17 dated June/3/2013. No further action is required.

Complied with Cirrus mandatory **SB 2x-42-17** Perspective SW update v0764.37. Operational checks normal. MX performed IAW the Cirrus SB 2x-42-17 text dated 3/18/2019.

Removed existing #2 standby batteries and installed new standby batteries Cirrus p/n 50979-001 Qty. 2. Operational checks normal. Standby batteries next due **1/2023**. MX performed IAW Cirrus SR22T AMM Chapter 24-30. Battery replacement next due **1/2023**.

Removed existing ECS actuator P/N 005E0100-2 S/N 2001758. Installed new Precise Flight ECS actuator assembly P/N 005E0100-2 S/N ACT006378. Operational checks normal. MX performed IAW Cirrus SR22/22T AMM Chapter 21-40.

Removed existing LH brake caliper and resealed with new o-rings P/N M83461-1-222 qty. 2. Caliper installed with new temperature indicating stickers P/N's 51698-001 (blue) & 51698-003 (yellow). Performed brake system bleed and serviced with 5606 hydraulic fluid as required. MX performed IAW Cirrus SR22/22T AMM Chapter 32-42.

Removed existing fire extinguisher and installed new fire extinguisher Cirrus p/n 12533-004. MX performed IAW Cirrus SR22/22T AMM Chapter 26-00.

*Continued, Page 1 of 2**Page 2 of 2*

Removed broken fuel quantity circuit breaker p/n 7277-2-3 s/n 1116. Installed new fuel quantity circuit breaker p/n 7277-2-3 s/n 1948. Operational check normal. MX performed IAW Cirrus SR22/22T AMM Chapter 24-00.

Removed existing NLG oleo strut p/n 0346-800 (Cirrus p/n 27057-002). Installed new NLG oleo strut p/n 0346-800 (Cirrus p/n 27057-002) s/n 0420-16. Serviced oleo strut to required limits with Nitrogen as required. MX performed IAW Cirrus SR22/22T AMM Chapter 32-20.

Removed existing nut plate at aft rear oil cooler baffle and installed new nut plate p/n MS21059L08. MX performed IAW Cirrus SR22/22T AMM Chapter 20-00.

Complied with 50 & 100 hour lubrication schedule per Cirrus Model SR22/22T AMM Chapter 5-20 and CH 12.

Maintenance and repairs performed in accordance with the Cirrus model SR-22/22T Aircraft Maintenance Manual.

I certify this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition

SIGNATURE: John Fisher

FAA AUTHORIZATION: 2734397 IA



Glendale Aero Services

6841 N. Glen Harbor Blvd
Glendale, AZ 85307
623-414-4935

Registration: **N222RQ**

AIRFRAME LOG

Date: 1/15/2021

Model: SR22T

S/N: 0264

Accessed, inspected and verified CAPS canopy and rocket motor expiration date per Cirrus field service instruction due to error on original CH 4 Cirrus Life Limit Sticker. Expiration dates as follows:

- CAPS Rocket Motor p/n 26601-001, s/n 0520. Expires **11/2021**
- CAPS Parachute p/n 25337-002, s/n 0342. Expires **12/2021**

SIGNATURE: *John Fisher*

FAA AUTHORIZATION: 2734397 IA

**Glendale Aero Avionics**

6841 N. Glen Harbor Blvd
Glendale, AZ 85307
623-414-4935

Registration: **N222RQ**

Date: 11/29/2021

Model: SR22T

S/N: 0264

AIRFRAME LOG

W/O: 70001056

Hobbs: 1061.1

C/W 24 month altimeter and transponder checks as required by CFR 91.411 and 91.413 and was found to comply with CFR Part 43 Appendixes E and F. The altimeter (s) were tested to (25,000) feet.

THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED. PERTINENT DETAILS ARE ON FILE UNDER THIS FAA APPROVED REPAIR STATION WORK ORDER 70001056.

INSPECTOR: Robert Murray

FAA Authorization: CRS# 4GNR229D

**Glendale Aero Services**6841 N. Glen Harbor Blvd
Glendale, AZ 85307
623-414-4935Registration: **N222RQ**

Date: 12/9/2021

W/O: 8000812

Model: SR-22T

Fit Hobbs: 779.6 Hobbs: 1061.1

S/N: 0264

TTAF: 779.6

AIRFRAME LOG

Complied with an annual inspection IAW 14 CFR 43 Appendix D & in reference to the Cirrus Aircraft 100 Hr. / Annual inspection checklist CH 5-20 & Precise Flight ICA.

AD's researched thru T-Data content revision 2021-25, see attached AD compliance list for details.

Life Limited Parts Status:

1. CAPS Rocket Motor p/n 29554-003, s/n 4627. **Expires 09/2031**
2. CAPS Parachute p/n 25574-004REB, s/n 0189R1. **Expires 09/2031**
3. CAPS Reefing Line Cutters p/n 26707-001, s/n 11701, 11681. **Expires 10/2023**
4. ELT Battery Pack. p/n 452-62199 **Expires 06/2025**
5. EMA Controller, AAIR p/n 23080-050, s/n 508358-421. **Expires 10/2025**
6. Oxygen Bottle Assembly p/n 102N0100-1, MFG Date 3/2011. **Expires 03/2026**
7. CO Detector p/n 454-201-001B s/n 10522. **Expires 02/2027**
8. Pilot Seat Inflator Assembly p/n 20902-002 s/n 20482. **Expires 09/2023**
9. Co-pilot Seat Assembly p/n 20902-002 s/n 20472. **Expires 09/2023**

Complied with 14 CFR 91.207 (d) ELT, by installation inspection and operational check. Operational checks normal. Battery replacement next due **6/2025**.Complied with Cirrus mandatory **SB 2x-42-19**, Perspective S/W update to v0764.38. MX performed IAW SB 2x-42-19 text dated 18 May 2021.Complied with Cirrus mandatory **SB2X-95-24R2**, CAPS rocket shelf ground wire by installing ground wire kit p/n 70572-001. Performed continuity check of rocket shelf with normal results. MX performed IAW the Cirrus SB2X-95-24R2 text dated 12/17/2018.Complied with **10-year** CAPS system overhaul. Per CAPS service bulletin SB 2x-95-19R3 accomplishment instructions, removed existing MCU p/n 19800-001 s/n 01228. Installed new MCU p/n 19800-004S s/n 06323 with existing hardware. Removed existing parachute p/n 25337-002 s/n 0342. Installed parachute p/n 25574-004-REB s/n 0189R1 in rebuilt condition, with a pack date of 10/07/2021 and an expiration date of 10/07/2031, reference FAA form 8130-3 from Cirrus Design Corp under w/o 769286 dated 10/12/2021 for details. Removed existing rocket p/n 25363-001 s/n 0520. Installed new rocket assembly p/n 29554-003 s/n 4627 with a manufacture date of 9/29/2021 and an expiration date of 9/29/2031. MX performed IAW the Cirrus SB2X-95-19R3 dated 2/20/2020, CAPS CMM 95-01-01 Rev E3 dated 1/2016 and the Cirrus SR22/22T AMM CH 24-30. CAPS overhaul next due **9/2031**.

Removed existing RH MLG tire P/N 156E66-4 S/N 31547554 and replaced with a new Goodyear FC III tire size 15X6.0X6 P/N 156E66-4 S/N 12930257 with new Michelin Airstop 15X6.0-6 inner tube P/N 097-500-0. Mx performed IAW Cirrus SR22/SR22T AMM Chapter 32-41. Serviced tire to proper psi and reinstalled wheel assy on aircraft. Mx performed IAW Cirrus SR22/22T AMM Chapter 32.

Removed existing LH & RH brake discs and replaced with new P/N 164-02504 qty. 2. Removed existing brake linings and replaced with new P/N 066-06200 qty. 8. Mx performed IAW Cirrus SR22/22T AMM, Chapter 32-41.

*Continued, Page 1 of 2***Page 2 of 2**

Removed existing pilot cabin door seal and cargo door seal and replaced with 18 feet of new Cirrus door seal P/N 52010-008U. MX performed IAW Cirrus SR22/22T AMM Chapter 20-00.

Adjusted lower RH door latch as required. Operational check normal. MX performed IAW the Cirrus SR22T AMM CH 52-10.

Removed LH outboard fairing spacer and installed new spacer Cirrus P/N: 13447-001 and screw P/N: AN525-416R8. Mx performed IAW Cirrus SR22/22T AMM Chapter 32-41.

Removed existing TKS placard and installed new TKS drain placard Cirrus p/n 1655-001 under LH wing. MX performed IAW the Cirrus SR22/22T AMM CH 11-20.

Removed existing RH strobe flashtube. Installed new RH strobe flash tube p/n 36-0050626-03. Operational check normal. MX performed IAW the Cirrus SR22/22T AMM CH 33-40.

Installed stand-offs using zip ties as required to separate TKS and alternator wires.

Removed existing A/C compressor turnbuckle and rod ends. Installed new turnbuckle p/n MS21251-A5S with new rod ends p/n MS21254-5LS and MS21254-5RL. Set compressor belt tension and installed new turnbuckle clips p/n MS21256-1 qty 2. MX performed IAW the Cirrus SR22/22T AMM Chapter 21-50.

Removed existing standby altimeter p/n 5934AD-3 s/n A61983 to send out for repair. Installed same altimeter in overhauled condition, reference FAA Form 8130-3 from Flight Instruments & Avionics, under w/o 26001 dated 12/2/2021 for details. MX performed IAW Cirrus SR22/22T AMM Chapter 34-10. Operational checks normal. Verified static system integrity conforms to para (a), Appendix E of 14 CFR Part 43.

Complied with 50 & 100 hour lubrication schedule per Cirrus Model SR22/22T AMM Chapter 5-20 and CH 12.

Maintenance and repairs performed in accordance with the Cirrus model SR-22/22T Aircraft Maintenance Manual.

*I certify this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition*SIGNATURE: **Matthew Hatfield**FAA AUTHORIZATION: **2766522 IA**



Glendale Aero Services

6841 N. Glen Harbor Blvd
Glendale, AZ 85307
623-414-4935

Registration: **N222RQ**

AIRFRAME LOG

Date: 1/12/2022

W/O: 80001112

Model: SR22T

Flt Hobbs: 797.8

S/N: 0264

Hobbs: 1083.8

Removed NLG tire P/N: 505C61-8 S/N: 73212009 and replaced with new 5.00-5 Goodyear FC III tire P/N: 301-016-006 S/N: 10210142 with new Michelin Airstop inner tube P/N: 097-908-0. Serviced tire to proper psi and reinstalled wheel assy on aircraft. MX performed IAW Cirrus SR22T AMM Chapter 32-40.

Removed existing LH & RH NLG bracket fairing. Installed 2 new NLG bracket P/N 11799-004. MX performed IAW Cirrus SR-22T AMM Ch. 32-20.

Removed existing wet compass P/N: 12451-002 and replaced with new wet compass Cirrus P/N: 12451-002. Performed compass calibration procedure and installed new compass deviation information card p/n C23-807. MX performed IAW Cirrus SR22T AMM Chapter 34-20.

Ran function check on TKS system. Found wing panels functioning normally. Found horizontal stabilizers, Elevator tips and vertical with little to no flow. Performed cleaning of TKS porous panels as required. AFT horizontal panels function normal at this time. AFT vertical stabilizer panel flow insufficient. Performed Cirrus recommended troubleshooting methods, disconnected supply line to vertical panel and found good pressure to panel. Cleaned panel as required and was unsuccessful to get panel fully operational. Vertical stabilizer panel flow is minimal. Flight into Know Icing is not recommended at this time. MX performed IAW Cirrus SR22T AMM chapter 30-07.

SIGNATURE: Matthew Hatfield

FAA AUTHORIZATION: 2766522 IA

**Glendale Aero Services**

6841 N. Glen Harbor Blvd
 Glendale, AZ 85307
 623-414-4935

Registration: **N222RQ****AIRFRAME LOG**

Date: 1/1/2023

W/O: 80001624

Model: SR-22T

Flt Hobbs: 919.2 Hobbs: 1231.4

S/N: 0264

TTAF: 919.2

Complied with an annual inspection IAW 14 CFR 43 Appendix D & in reference to the Cirrus Aircraft 100 Hr. / Annual inspection checklist CH 5-20 & Precise Flight ICA.

AD's researched thru T-Data content revision 2022-26, see attached AD compliance list for details.

Life Limited Parts Status:

1. CAPS Rocket Motor p/n 29554-003, s/n 4627. Expires 09/2031
2. CAPS Parachute p/n 25574-004REB, s/n 0189R1. Expires 09/2031.
3. CAPS Reefing Line Cutters p/n 26707-001, s/n 11701, 11681. Expires 10/2023
4. ELT Battery Pack. p/n 452-62199 Expires 06/2025
5. EMA Controller, AAIR p/n 23080-050, s/n 508358-421. Expires 10/2025
6. Oxygen Bottle Assembly p/n 102N0100-1, MFG Date 3/2011. Expires 03/2026
7. CO Detector p/n 454-201-001B s/n 10522. Expires 02/2027
8. Pilot Seat Inflator Assembly p/n 20902-002 s/n 20482. Expires 09/2023
9. Co-pilot Seat Assembly p/n 20902-002 s/n 20472. Expires 09/2023

Complied with 14 CFR 91.207 (d) ELT, by installation inspection and operational check. Operational checks normal. Battery replacement next due 6/2025.

Secured connector on co-pilot seat inflator with zip-ties. MX performed IAW the Cirrus SR22/22T AMM Chapter 25-10.

Removed existing failed battery p/n RG24-11M s/n 41099812. Installed new Concorde battery p/n RG24-11M s/n 41259182. Operational check normal. MX performed IAW Cirrus SR22/22T AMM Chapter 24-30.

Removed existing Dukes AUX fuel boost pump P/N 5217-00-3 S/N 6815. Installed new Weldon AUX fuel boost pump P/N C18050-2B8 S/N 239266 with 2 ea. new O-rings P/N MS29512-08 and new 90 deg. fitting P/N AN842-4D. Post mx ground run indications normal and no leaks found. MX performed IAW Cirrus SR-22/22T AMM Ch. 28-20 and Cirrus SB2x-28-15.

Configured Perspective system to display oxygen quantity on MFD using the 0764.38 loader card. Operational check normal. MX performed IAW the Cirrus SB2X-42-19 text dated 5/18/2021.

Stop drilled crack in RH stabilizer cuff and filled with RTV. MX performed IAW the AC 43.13-1B section 4.

Removed existing A/C drive assembly. Cleaned and inspected. Installed a new Garlock seal P/N 25102, new aft mag plate gasket P/N 654012, & new A/C drive plate gasket P/N 653487. Performed static run, no leaks noticed. MX performed IAW Cirrus SR-22/22T AMM Ch. 21-50.

Tensioned ALT 2 belt to specified limits. MX performed IAW Cirrus SR-22/22T AMM Ch. 24-30.

Removed existing stripped screw on #4/6 inter cylinder baffle and installed a new screw P/N MS35207-262. MX performed IAW Cirrus SR-22/22T AMM Ch. 20-00.

Installed new large area washer RH aft baffle P/N AN970-3. MX Cirrus SR-22/22T AMM Ch. 20-00.

Continued, Page 1 of 2

Page 2 of 2

Complied with 50 & 100 hour lubrication schedule per Cirrus Model SR22/22T AMM Chapter 5-20 and CH 12.

Maintenance and repairs performed in accordance with the Cirrus model SR-22/22T Aircraft Maintenance Manual.

I certify this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition

SIGNATURE: **Matthew Hatfield**FAA AUTHORIZATION: **2766522 IA**

ENGINE LOG BOOK





Continental Motors, Inc.

Production Certificate 508

Printed: 12/2/2011

Test Date: 12/2/201

This engine model TSI0550K1B , serial number 1005688 was manufactured by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.





LANDMARK AVIATION

14600 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N222RQ Date: February 6, 2012

Model # Cirrus SR-22 S/N 0264

ACTT: 22.6 HOBBS: 32.0

TSIO-550K S/N 1005688 ETT: 22.6

ENGINE LOG ENTRY

Drained engine oil, removed engine oil filter. Cut filter open, inspected, no problems noted. Installed new CH48108-1 filter. Serviced engine with 8 qts of Exxon Elite 20W50. Ran engine, leak checked. No problems noted.

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. C29-12-00977**

Alan Co. Washburn

LANDMARK AVIATION

FAA CRS# LN3R663L



LANDMARK AVIATION

14600 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N222RQ Date: December 2, 2012

1 of 2

Model # Cirrus SR-22T S/N 0264

ACTT: 90.6 HOBBS: 132.5

TSIO-550K S/N 1005688 ETT: 90.6

ENGINE LOG ENTRY

Accomplished 50/100 hour inspection in accordance with the Cirrus recommendations and TCM 50/100 hour inspection items.

Compression check at 80psi:

#1/77 #2/75 #3/76 #4/77 #5/76 #6/76

Annual/1st 100 hour fuel injection nozzle cleaning/inspection.

Drained engine oil, removed engine oil filter. Took SOAP sample. Cut filter open, inspected, no problems noted. Installed new CH48109-1 oil filter. Serviced engine with 8 qts of Exxon Elite 20W50 oil. Ran engine, leak checked, no problems noted.

AD 2010-11-04 dated 6/16/2010, is not applicable by engine Model and serial number.

AD 2012-03-06C dated 2/24/2012, to prevent an engine in flight shutdown, is not applicable to this engine by equipment in question is not installed.

AD 2012-10-13 dated 6/8/2012, AD is not applicable by the engine was not manufactured, nor the starter adapter installed between the dates of Jan 1, 2011 and November 20, 2011.

N222RQ SR 22T S/N 0264 12/7/2012 2 of 2

Installed new non serialized parts:

Installed all new rocker cover gaskets.
1 spark plug RHB32E

I certify that this **ENGINE** has been inspected in accordance with a **100 HOUR** inspection and was found to be in an Airworthy Condition **W.O. C29-12-01106**

Brian Black

Landmark Aviation

FAA CRS# LN3R663L



LANDMARK AVIATION

14600 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N222RQ Date: August 30, 2012

Model # Cirrus SR-22T S/N 0264

ACTT: 68.2 HOBBS: 102.5

TSIO-550K S/N 1005688 ETT: 68.2

ENGINE LOG ENTRY

Drained engine oil, removed engine oil filter. Cut filter open, inspected, no problems noted. Took SOAP sample. Installed new CH48108-1 filter. Serviced engine with 8 qts of Exxon Elite 20W50. Ran engine, leak checked. No problems noted.

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. C29-12-01054**

Brian Black

LANDMARK AVIATION

FAA CRS# LN3R663L



LANDMARK AVIATION

14600 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N222RQ Date: May 15, 2013

Model: Cirrus SR-22T SN: 0264

ACTT: 112.9 HOBBS: 165.2

TSIO-550K SN: 1005688 ETT: 112.9

ENGINE LOG ENTRY

Drained engine oil, removed oil filter, cut filter open, inspected, no anomalies noted, SOAP sample taken and submitted for analysis, installed new CH48108-1 Oil filter and serviced engine with 8 qts Exxon Elite 20W50. Performed satisfactory ground engine run leak check.

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. C29-13-01190**

Brian Black

LANDMARK AVIATION

FAA CRS: LN3R663L



LANDMARK AVIATION

14600 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N222RQ Date: December 20, 2013

Model # Cirrus SR-22T S/N 0264

ACTT: 142.9 HOBBS: 206.9

TSIO-550K S/N 1005688 ETT: 142.9

ENGINE LOG ENTRY

Accomplished 50/100 hour inspection in accordance with the Cirrus recommendations and TCM 50/100 hour inspection items.

Compression check at 80psi:

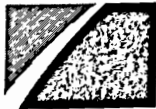
#1/75 #2/75 #3/74 #4/75 #5/74 #6/74

Drained engine oil, removed engine oil filter. Took SOAP sample. Cut filter open, inspected, no problems noted. Installed new CH48108-1 oil filter. Serviced engine with 8 qts of Exxon Elite 20W50 oil. Ran engine, leak checked, no problems noted.

I certify that this **ENGINE** has been inspected in accordance with a **100 HOUR** inspection and was found to be in an Airworthy Condition **W.O. C29-13-01253**

Landmark Aviation

FAA CRS# LN3R663L



LANDMARK AVIATION

14600 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N222RQ Date: December 20, 2013

Model # Cirrus SR-22T S/N 0264

ACTT: 166.6 HOBBS: 239.6

TSIO-550K S/N 1005688 ETT: 166.6

ENGINE LOG ENTRY

Drained engine oil, removed engine oil filter. Took SOAP sample. Cut filter open, inspected, no problems noted. Installed new CH48108-1 oil filter. Serviced engine with 8 qts of Exxon Elite 20W50 oil. Ran engine, leak checked, no problems noted.

SIL14-4 Inspected and Re-aligned alternator bracket IAW Continental Motors SIL 14-4.

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. C29-14-01330**

LANDMARK AVIATION

FAA CRS: LN3R663L

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LANDMARK A V I A T I O N

14600 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N222RQ Date: June 4, 2014

Model # Cirrus SR-22T S/N 0264

ACTT: 166.6 HOBBS: 239.6

TSIO-550K S/N 1005688 ETT: 166.6

ENGINE LOG ENTRY

Drained engine oil, removed engine oil filter. Took SO AP sample. Cut filter open, inspected, no problems noted. Installed new CH48108-1 oil filter. Serviced engine with 8 qts of Exxon Elite 20W50 oil. Ran engine, leak checked, no problems noted.

SIL14-4 Inspected and Re-aligned alternator bracket IAW Continental Motors SIL 14-4.

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. C29-14-01330**


LANDMARK AVIATION

FAA CRS: LN: R663L



LANDMARK A V I A T I O N

14700 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N222RQ Date: July 7, 2014

Model # Cirrus SR-22T S/N 0264

ACTT: 169.8 HOBBS: 245.1

TSIO-550K S/N 1005688 ETT: 169.8

ENGINE LOG ENTRY

Adjusted RH Magneto 0.5*. Ran engine no defects noted.

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. C29-14-01342**


LANDMARK AVIATION

FAA CRS: LN: R663L

Engine Service and Maintenance Record

Date	Total Time		Time Since Last Overhaul		Record maintenance actions including engine part removal and installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	
Carried forward →					



LANDMARK AVIATION

14700 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N222RQ Date: July 22, 2014
Model # Cirrus SR-22T S/N 0264
ACTT: 172.9 HOBBS: 249.6
TSIO-550K S/N 1005688 ETT: 172.9
ENGINE LOG ENTRY

Replaced 2ea P/N RHB32E spark plugs on #6 cylinder with new. Engine ground run good. IAW SR22T MM 74-20

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. C29-14-01350**

[Signature]
LANDMARK AVIATION

FAA CRS: LN3R663L



LANDMARK AVIATION

14700 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N222RQ Date: December 3, 2014
Model # Cirrus SR-22T S/N 0264
ACTT: 178.2 HOBBS: 258.5
TSIO-550K S/N 1005688 ETT: 178.2
ENGINE LOG ENTRY

Accomplished 50/100 hour inspection in accordance with the Cirrus recommendations and TCM 50/100 hour inspection items.

Compression check at 80psi:

#1/75 #2/65 #3/74 #4/75 #5/74 #6/74

Drained engine oil, removed engine oil filter. Took SOAP sample. Cut filter open, inspected, no problems noted. Installed new CH48108-1 oil filter. Serviced engine with 8 qts of Exxon Elite 20W50 oil and Camguard. Ran engine, leak checked, no problems noted.

Removed and installed new #2 CHT Probe P/N 24584-001. Operational check good. IAW SR22 MM 77-20

I certify that this **ENGINE** has been inspected in accordance with a **100 HOUR/ANNUAL** inspection and was found to be in an Airworthy Condition **W.O. C29-14-01395**

[Signature]
Landmark Aviation

FAA CRS# LN3R663L

Date	Overhaul				Record maintenance actions including engine part removal, installation and compliance with inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hours	Min	Hours	Min	
Carried forward →					



LANDMARK AVIATION

14700 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N222RQ Date: May 18, 2015

Model # Cirrus SR-22 S/N 0264

ACTT: 200.9 HOBBS: 290.8

TSIO-550K S/N 1005688 ETT: 200.9

ENGINE LOG ENTRY

Drained engine oil, removed engine oil filter. Took SOAP sample. Cut filter open, inspected, no problems noted. Installed new CH48108-1 oil filter. Serviced engine with 8 qts of Exxon Elite 20W50 oil, added 16oz of Camguard Customer supplied, Ran engine, leak checked, no problems noted.

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. C29-15-01457**

LANDMARK AVIATION

FAA CRS# LN3R663L



LANDMARK AVIATION

14700 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N222RQ Date: July 30, 2015

Model: Cirrus SR-22T SN: 0264

ACTT: 217.0 Hobbs 314.8

ENGINE LOG ENTRY

Replace #5 CHT probe with new P/N 24584-001 IAW Cirrus SR22T MM 72-20 Operational check good

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. C29-14-01487**

LANDMARK AVIATION

FAA CRS: LN3R663L

Hours	Min	Hours	Min
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Record maintenance actions including installation and compliance with in Special Inspections, Modifications and

Carried forward →



LANDMARK AVIATION

14700 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400

N222RQ Date: December 14, 2015

Model # Cirrus SR-22 S/N 0264

ACTT: 235.4 HOBBS: 339.5

TSIO-550K S/N 1005688 ETT: 235.4

ENGINE LOG ENTRY

Accomplished 50/100 hour inspection in accordance with the Cirrus recommendations and TCM 50/100 hour inspection items.

Compression check at 80psi:

CYL	#1	#2	#3	#4	#5	#6
PSI	78	76	65	72	70	75

Drained engine oil, removed engine oil filter. Took SOAP sample. Cut filter open, inspected, no problems noted. Installed new CH48108-1 oil filter. Serviced engine with 8 qts of Exxon Elite 20W50 oil, added 16oz of Camguard Customer supplied, Ran engine, leak checked, no problems noted.

Removed cleaned and reinstalled injector nozzles IAW Continental MM 10-3.2

CW Continental service bulletin **CSB 15-3**. Replaced oil tee fittings with New P/N 658607 and adapter AN915-1J. Run and leak check good. IAW CSB instructions.

I certify that this **ENGINE** has been inspected in accordance with a **100 HOUR/ANNUAL** inspection and was found to be in an Airworthy Condition **W.O. C29-15-01544**

Landmark Aviation

FAA CRS# LN3R663L



S I G N A T U R E

TECHNICAIR™

Aircraft Maintenance

A BBA Aviation company

14700 North Airport Drive • Scottsdale, AZ 85260 • (480) 443-7267

N222RQ Date: July 12, 2016

Model # Cirrus SR-22 S/N 0264

ACTT: 286.2 HOBBS: 415.6

TSIO-550K S/N 1005688 ETT: 286.2

ENGINE LOG ENTRY

Drained engine oil, removed engine oil filter. Took SOAP sample. Cut filter open, inspected, no problems noted. Installed new CH48108-1 oil filter. Serviced engine with 8 qts of Exxon Elite 20W50 oil, added 16oz of Camguard Customer supplied, Ran engine, leak checked, no problems noted.

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. C29-16-01657**

Signature TechnicAir

FAA CRS# LN3R663L



S I G N A T U R E

TECHNICAIR™

Aircraft Maintenance

A BBA Aviation company

14700 North Airport Drive • Scottsdale, AZ 85260 • (480) 443-7267

N222RQ Date: December 23, 2016

Model # Cirrus SR-22 S/N 0264

ACTT: 341.3 HOBBS: 488.7

TSIO-550K S/N 1005688 ETT: 341.3

ENGINE LOG ENTRY

Accomplished 50/100 hour inspection in accordance with the Cirrus recommendations and TCM 50/100 hour inspection items.

Compression check at 80psi:

CYL	#1	#2	#3	#4	#5	#6
PSI	73	76	68	74	73	74

Drained engine oil, removed engine oil filter. Took SOAP sample. Cut filter open, inspected, no problems noted. Installed new CH48108-1 oil filter. Serviced engine with 8 qts of Exxon Elite 20W50 oil, added 16oz of Camguard Customer supplied, Ran engine, leak checked, no problems noted.

I certify that this **ENGINE** has been inspected in accordance with a **100 HOUR/ANNUAL** inspection and was found to be in an Airworthy Condition **W.O. C29-16-01747**


Signature TechnicAir

FAA CRS# LN3R663L

Date	Total Time		Time Since Last Overhaul		<i>Engine Service and Main</i> Record maintenance actions including installation and compliance with inspection Special Inspections, Modifications and Serv
	Hours	Min	Hours	Min	
Carried forward →					



SIGNATURE
TECHNICAIR™

Aircraft Maintenance
A BBA Aviation company

14700 North Airport Drive • Scottsdale, AZ 85260 • (480) 443-7267

N222RQ Date: February 9, 2017

Model # Cirrus SR-22 S/N 0264

ACTT: 352.0 HOBBS: 505.1

TSIO-550K S/N 1005688 ETT: 352.0

ENGINE LOG ENTRY

Replaced #5 EGT probe P/N 24585-001 with new probe P/N 24585-001 IAW Cirrus SR22T MM 77-20

Adjusted magneto timing IAW TCM TSIO -550-K OM

Replaced #1 alternator brushes P/N ALE3043BS IAW TCM SB112

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. C29-17-01765**

Signature TechnicAir

FAA CRS# LN3R663L

Hours

Min

Hours

Min

record maintenance actions including installation and compliance with inspection Special Inspections, Modifications and Se

Carried forward →



SIGNATURE

TECHNICAIR™

Aircraft Maintenance

A BBA Aviation company

14700 North Airport Drive • Scottsdale, AZ 85260 • (480) 443-7267

N222RQ Date: May 2, 2017

Model # Cirrus SR-22 S/N 0264

ACTT: 368.2 HOBBS: 526.8

TSIO-550K S/N 1005688 ETT: 368.2

ENGINE LOG ENTRY

Drained engine oil, removed engine oil filter. Took SOAP sample. Cut filter open, inspected, no problems noted. Installed new CH48108-1 oil filter. Serviced engine with 8 qts of Exxon Elite 20W50 oil, Ran engine, leak checked, no problems noted.

I certify that the above stated maintenance was performed in accordance with the current FAR's and this aircraft is approved for return to service. **W.O. C29-17-01826**

Signature TechnicAir

FAA CRS# LN3R663L

CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

TCM Engine
 N222RQ
 10-02-17

TSIO-550-K
 Cirrus Design SR22T
 Hobbs: 565.0 Hrs

S/N: 1005688
 S/N: 0264
 Flight Hour Meter: 399.2 Hrs


Maintenance performed:

- Changed oil and filter. Serviced system with 8qts Exxon Elite 20W50 oil and installed new CH48108-1 oil filter. Performed ground run, leak checks good. Reinstalled engine cowl.
- Cut open old oil filter and checked for metal contamination. Nothing abnormal found at this time.
- Oil sample taken and sent for analysis.
- Complied with SA13-01 exhaust system inspection. No defects noted at this time.

I certify that with respect to the work performed this engine was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. PA-17-08106.

[Signature]

 Authorized Representative

 Glendale Aero Services 6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930	Registration: N222RQ		ENGINE LOG	
	Date: 10/13/2017	W/O: 6002175		
	Model: SR22T	Flt Hobbs: 401.0		
	S/N: 0264	Hobbs: 567.5		
Removed existing #2 CHT sensor and replaced with new CHT sensor p/n 24584-001. MX performed IAW Cirrus AMM Chapter 77-20. Performed static run, operational check normal.				
SIGNATURE: James Butler <i>[Signature]</i>			FAA AUTHORIZATION: 2833700 IA	

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Crownair Aviation
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

TCM Engine
 N222RQ
 12-08-17

TSIO-550-K1B
 Cirrus Design SR22T
 Hobbs: 577.7 Hrs

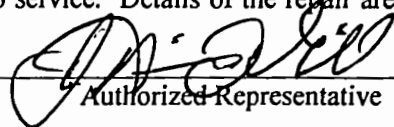
S/N: 1005688
 S/N: 0264
 Flight Hour Meter: 409.1 Hrs
 ETT: 409.1 Hrs

Maintenance performed:


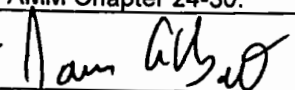
- Complied with **Annual Inspection** using Crownair Aviation Annual / 100 Hour Inspection Checklist, Form CA-105. Researched ADs through bi-weekly issue of this date, all ADs are in compliance at this time.
- Compression check as follows: #1. 63/80 #2. 74/80 #3. 65/80 #4. 64/80 #5. 76/80 #6. 71/80
- Changed oil and filter. Serviced engine with 8 Qts of Exxon Elite 20W-50 oil and installed new CH48108-1 oil filter.
- Cut open old oil filter and inspected with no metal contamination found.
- Took oil sample for analysis.
- Complied with SA 13-01 Exhaust crack inspection and no defects noted. Due at each oil change.
- Complied with **TCM CSB08-3C** Para. III, ICAs for stainless steel levers, no defects noted.
- Complied with **TCM SB669** Mag distributor gear block inspection, no defects noted.
- Complied with **TCM SB95-7A** Manifold valve cover inspection, no defects noted.
- Complied with TCM turbocharger check valve inspection, no defects noted and leak checks good.
- All fuel injectors leaking and loose in cylinder heads. Gained access to and removed injector nozzles. Cleaned, reinstalled and torqued to 60in lbs. Installed new o-rings, seals and washers and reassembled injector system. Ground run leak check is good.
- Secured oil pressure sensor with correct hardware and clamps using SB2X-79-04 as a reference.
- Fabricated and replaced burned oil temp wire harness with new wire and pins. Routed and secured new wiring to prevent any further damage. Oil temp indication checks good on out going run.
- Replaced #1 alternator field wire grommet at baffle pass through.

I certify that this engine has been inspected in accordance with an **Annual Inspection** and was determined to be in airworthy condition.

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order No. PA-17-08171.



 Authorized Representative

 Glendale Aero Services 6841 N. Glen Harbor Blvd Glendale, AZ 85307 623-414-4930	Registration: N222RQ		ENGINE LOG	
	Date: 2/8/2018	W/O: 6002292		
	Model: SR22T	Flt Hobbs: 420.4		
	S/N: 0264	Hobbs: 592.2		
Accessed and removed existing #2 alternator p/n 657199 s/n H-L101045 and installed new #2 alternator from Hartzell Engine Technologies p/n 657199 s/n H-R101968 using existing serviceable belt and existing hardware. Removed and replaced power terminal with new. Performed post installation ground run-up, operational checks normal with no leaks or defects noted. MX performed IAW Cirrus SR22T AMM Chapter 24-30.				
SIGNATURE: James Butler 			FAA AUTHORIZATION: 2833700 IA	

CROWNAIR
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

TCM Engine
N222RQ
05-15-18

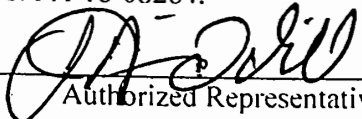
TSIO-550-K
Cirrus Design SR22T
Hobbs: 622.9 Hrs

S/N: 1005688
S/N: 0264
Flight Hour Meter: 444.8 Hrs

Maintenance performed:

- Changed oil and filter. Serviced system with 7qts Exxon Elite 20W50 oil and Camguard. Installed new CH48108-1 oil filter and safety wired. Performed ground run. leak checks good. Reinstalled engine cowl.
- Cut open old oil filter and checked for metal contamination. Nothing abnormal found at this time.
- Oil sample taken and sent for analysis.
- Complied with SA13-01 exhaust system inspection. No defects noted at this time.

I certify that with respect to the work performed this engine was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy and returned to service. Pertinent details of this repair are on file at this agency under Work Order No. PA-18-08284.



Authorized Representative

Crownair Aviation
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

TCM Engine
 N222RQ
 12-14-18

TSIO-550-K1B
 Cirrus Design SR22T
 Hobbs: 660.2 Hrs

S/N: 1005688
 S/N: 0264
 Flight Hour Meter: 473.2 Hrs
 ETT: 473.2 Hrs

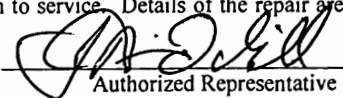
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Maintenance performed:

- Complied with **Annual Inspection** using Crownair Aviation Annual / 100 Hour Inspection Checklist, Form CA-105. Researched ADs through bi-weekly issue of this date, all ADs are in compliance at this time.
- Compression check as follows: #1. 62/80 #2. 70/80 #3. 70/80 #4. 70/80 #5. 70/80 #6. 66/80
- Changed oil and filter. Serviced engine with 8 Qts of Exxon Elite 20W-50 oil and installed new CH48108-1 oil filter, torqued and safety wired. Performed ground run and leak check is good.
- Cut open old oil filter and inspected with no metal contamination found.
- Took oil sample for analysis.
- Complied with SA 13-01 Exhaust crack inspection and no defects noted. Due at each oil change.
- Complied with **TCM** inspection for stainless steel throttle and mixture control levers, no defects noted.
- Complied with **TCM SB95-7A** Manifold valve cover inspection, no defects noted.
- Complied with CMI SB16-8 Turbo exhaust transition pipe inspection. No defects noted
- Complied with TCM turbocharger check valve inspection, no defects noted and leak checks good.
- Reinstalled Left mag P/N 10-500556-101 S/N D11GA149 using new gasket P/N 649954 after "500 Hour Inspection Repair" by Aircraft Electrical Components. Timed mag to engine and performed ground run, mag checks and leak checks good.
- Reinstalled Right mag P/N 10-500556-101 S/N D11FA201 using new gasket P/N 649954 after "500 Hour Inspection Repair" by Aircraft Electrical Components. Timed mag to engine and performed ground run, mag checks and leak checks good.
- **CMI SB18-04** Replacement of cylinder through bolt flanged nuts with Makers Mark "ZB" is N/A. Affected part is not installed.

I certify that this engine has been inspected in accordance with an **Annual Inspection** and was determined to be in airworthy condition.

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order No. PA-18-08428.


 Authorized Representative



8014 E. McClain Dr. Ste. 135B • Scottsdale, AZ 85260 • (480) 443-7267

N222RQ Date: 07/01/2019

Model: TSIO G-550-K S/N: 1005688

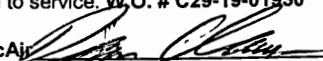
AFTT: 496.1 FLIGHT: 496.1 HOBBS:690.9

ENGINE LOG ENTRY

1. Customer request oil sample taken. /// Complied with oil sample, sent to Aviation Laboratories for analysis.
2. Customer request oil and filter change. /// Complied with engine oil change and filter change with new Exxon Elite 20W50 Engine oil 8qts and a new oil filter (P/N CH48108-1), inspected old oil filter for FOD, no defects noted. Ref Cirrus SRR22T AMM 79-20, no leaks noted.

I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and/or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service. **W.O. # C29-19-01930**

Signature TechnicAir


 Dean Claus

FAA CRS: LN3R663L

Total Time

Time Since Last Overhaul

Engine Service and Maintenance Record



15001 North Airport Drive • Scottsdale, AZ 85260 • (480)991-5387

Tail Number: N222RQ Model: Cirrus SR22T S/N: 0264 Date: Dec 20, 2019
Eng. Model: TSIO550K Eng. SN: 1005688
Hobbs: 720.8 FLT Hobbs: 516.8 Eng. TT: 516.8

ENGINE LOG ENTRY

Accomplished the following maintenance:

1. Compression check Cylinder #1 62/80 Cyl #2 61/80 Cyl #3 72/80 Cyl #4 60/80 Cyl #5 60/80 Cyl #6 64/80 Master orifice 43/80 (Tool ID: GT 082 CAL DUE 09-27-2020).
2. Changed engine Phillips 66, 20W-50 oil and filter P/N: CH48108-1. Cut filter open, no defects noted. SOAP sample taken.
3. Spark plugs cleaned, gapped, and rotated.
4. Performed Exhaust crack inspection no defects noted at this time all work was performed IAW Continental TSIO-550-K1B Maintenance Manual - Standard Practice for Spark Ignited Engines Chapter 6-4.21.
5. Removed L/H Magneto (P/N: 10-50556-101, S/N: D11GA149), and R/H Magneto (P/N: 10-50556-101, S/N: D11GA201) sent out for repair. Re-installed L/H Magneto see attached 8130 from Aircraft Engine Specialists CRS ZF7R728Y, (P/N: 10-50556-101, S/N: D11GA149) 500 Hr. Inspection and Repaired. Re-installed R/H Magneto see attached 8130 from Aircraft Engine Specialists CRS ZF7R728Y, (P/N: 10-50556-101, S/N: D11GA201) 500 Hr. Inspection and Repaired.
6. Timed both magnetos to engine at 24 degrees before top dead center. Post inspection engine run up Operational check was satisfactory, all work was performed IAW Continental TSIO-550-K standard practice manual Chapter 6-4.9.1.1 and Chapter 10-5.2 and Cirrus SR22T AMM Chapter 74-10.
7. Removed fuel Injectors from cylinders 1-6 cleaned, inspected no defects noted at this time, re-installed fuel injectors into cylinders 1-6 using o-ring kit (P/N ORW-6TIGT) torqued to 60 inch pounds (Torque Wrench tool ID: GT013 CAL DUE : 06-30-2020) Re-Installed fuel Injector rails with new Seal (P/N 633958-5 S/N N/A). Leak and operational check satisfactory all work was performed IAW Publication FI-2 2011 Continental motors Inc. August 2011 TSIO-550-K engine position fuel injector nozzle manual.
8. Forward Crankcase through bolt torque checked. (Torque wrench ID: GT009 CAL DUE 06-30-2020) Reinstalled previously removed components ran engine leak check satisfactory IAW Continental TSIO-550-K1B Standard practice manual Appendix B-1.

I certify that this aircraft has been inspected in accordance with an Annual Inspection within the scope and detail of CFR Part 43 Appendix D and was found to be in an Airworthy.

I certify that the work listed above was repaired and inspected in accordance with the current Code of Federal Regulations, Title 14, Vol 1, Chap 1, part 43 and is approved for return to service. Pertinent details are on file at this agency under WO# 1119273.

Signature: _____

Gene Sorkine

Cert: FAA CRS GNUR484X



Glendale Aero Services

6841 N. Glen Harbor Blvd
Glendale, AZ 85307
623-414-4930

Registration: N222RQ

Date: 1/29/2020

Model: SR22T

S/N: 0264

ENGINE LOG:

W/O: 6003097

Flt Hobbs: 524.3

Hobbs: 731.9

Torqued attach hardware to forward engine camshaft cover to specified limits IAW Continental manual M-0 Appendix B.

Removed existing propeller and crankshaft seal p/n 641250. Cleaned and inspected. Installed new Continental crankshaft seal

p/n 641250. Reinstalled propeller using new O-ring Hartzell p/n C3317-228. Leak checks satisfactory. MX performed IAW

Continental TSIO-550 Series MX & OHL Manual M-18 and the Cirrus SR22 AMM Chapter 61-10.

SIGNATURE: Matthew Hatfield

FAA AUTHORIZATION: 2766522 IA



Glendale Aero Services

6841 N. Glen Harbor Blvd
Glendale, AZ 85307
623-414-4930

Registration: **N222RQ**

ENGINE LOG

Date: 9/28/2020

W/O: 8000469

Model: SR22T

Flt Hobbs: 571.3

S/N: 0264

Hobbs: 799.3

Removed existing SkyTec starter p/n C24ST3 s/n 4C3-121113. Installed new Hartzell starter p/n ES646275-1 s/n H-UO42270, reference FAA Form 8130-3 from Hartzell Engine Technologies under w/o M938900 dated 5/5/2020 for details. Operational checks normal. MX performed IAW Cirrus SR22T AMM Chapter 80-00.

Removed existing RH exhaust manifold assembly to cylinders #1, #3 & #5. Installed new exhaust manifold assembly using cylinder #1 riser CMA p/n 657652 s/n 028896-0033, turbo transition CMA p/n 657633 s/n 030594-0007, & cylinder #3 riser CMA p/n 657647 s/n 026481-0002. Installed new cylinder #5 riser, CMA p/n 657651 s/n 10763-002. Installed exhaust manifold assy with new flange gaskets p/n 652458 Qty: 3 and turbo manifold gasket p/n 636465. Torqued all attach hardware to specified limits. MX performed IAW Cirrus SR22T AMM Chapter 78-00.

SIGNATURE: *Brandon Musser*

FAA AUTHORIZATION: 4337201 A&P



Glendale Aero Services

6841 N. Glen Harbor Blvd
Glendale, AZ 85307
623-414-4930

Registration: **N222RQ**

Date: 1/12/2021

Model: TSIO-550-K(1B)

S/N: 1005688

W/O: 8000586

Flt Hobbs: 617.7 Hobbs: 860.8

TSMOH: 617.7

ENGINE LOG

Complied with an annual inspection IAW 14 CFR 43 Appendix D & in reference to the Cirrus Aircraft 100 Hr. / Annual inspection checklist CH 5-20 & Precise Flight ICA.

AD's researched thru T-Data content revision 2021-01, see attached AD compliance list for details.

Complied with **AD 2020-16-11** Cross flow cylinders inspection and modification. AD is N/A by cylinder part number and serial numbers installed. No further action is required.

Compressions checked in accordance with CMA M-0 Sec. **6-4.11.2**; 1-50, 2-60, 3-71, 4-60, 5-52, 6-69 / 80 (hot). Master Orifice 43. Cylinders #1 and #5 borescope inspection revealed no asymmetric heat signatures or exhaust valve heat distress. Borescope inspection of all cylinders performed IAW Section **6-4.11.3**. All cylinders found to be serviceable at this time.

Drained engine oil. Took Blackstone oil sample to send for analysis. Removed filter assembly. Cut and inspected old filter for metal contamination, filter normal. Installed new CH48108-1 filter and serviced engine with 8 quarts Phillips XC 20W-50 oil.

Removed, cleaned, gapped, and rotated all spark plugs and reinstalled with new gaskets p/n U674 and anti-seize as required.

Removed existing #4 CHT sensor and replaced with new sensor Cirrus P/N 24584-001. MX performed IAW Cirrus SR22/22T AMM Chapter 77-00.

Removed existing RH exhaust manifold assembly, disassembled and installed new RH turbo transition Continental p/n 657633 s/n 030594-0003, #3 riser p/n 657647 s/n 026481-0001, #1 riser p/n 6557652 s/n 035855-0039. Removed existing TIT sensor Cirrus p/n 29211-001 s/n 1147 and installed new TIT sensor Cirrus p/n 29211-001 s/n 1937. MX performed IAW Cirrus SR22/22T AMM Chapter 78-00.

Removed existing rocker cover gaskets on cylinders #1, #3, #4, & #5. Installed new silicone REAL gaskets p/n RG-658735 Qty: 8. Torqued to required specifications. Leak checks satisfactory. MX performed IAW M-18 MX & Overhaul Manual Chapter 10-8 & Real Gasket installation instructions.

Serviced and cleaned main fuel gascolator assembly. Re-assembled with new o-ring p/n MS29513-137 & new washer seal p/n NAS1523-8B. Leak checks normal. MX performed IAW the Cirrus SR22/22T AMM Chapter 53-40.

Maintenance performed in accordance with Model SR-22/22T AMM, CMA TSIO-550 Series OHL manual M-18 and Manual M-O.

Post inspection full power ground run and operational check performed with all indications normal and no defects or leaks noted.

I certify this engine has been inspected in accordance with an Annual / 100 hr. inspection and was determined to be in airworthy condition

SIGNATURE: John Fisher

FAA AUTHORIZATION:

2734397 IA

**Glendale Aero Services**6841 N. Glen Harbor Blvd
Glendale, AZ 85307
623-414-4935Registration: **N222RQ**

Date: 12/9/2021

Model: TSIO-550-K(1B)

S/N: 1005688

W/O: 8000812

Flt Hobbs: 779.6 Hobbs: 1061.1

TSMOH: 779.6

ENGINE LOG

Complied with an annual inspection IAW 14 CFR 43 Appendix D & in reference to the Cirrus Aircraft 100 Hr. / Annual inspection checklist CH 5-20 & Precise Flight ICA.

AD's researched thru T-Data content revision 2021-25, see attached AD compliance list for details.

Compressions checked in accordance with CMA M-0 Sec. 6-4.11.2; 1-52, 2-68, 3-60, 4-62, 5-56, 6-65 / 80 (hot). Master Orifice 42. Borescope inspection of all cylinders performed IAW Section 6-4.11.3. All cylinders found to be serviceable at this time.

Drained oil thru 1000 micron screen. Took Blackstone oil sample to send for analysis. Removed existing filter and cut open to inspect, filter normal. Removed engine drain plug to inspect for metal, no metal noted. Reinstalled drain plug with new crush gasket p/n MS35769-11 and safety wired. Installed new oil filter p/n CH48108-1. Serviced engine with 8 quarts Phillips XC 20W-50 oil. Mx performed IAW the Cirrus SR22/22T AMM CH 12-10 & Continental manual M-18, and Continental CSB07-01A dated 9/2/2020.

Removed 1 ea. spark plug and replaced with new p/n RHB32E. Removed, cleaned, gapped, and rotated all remaining spark plugs and reinstalled with new gaskets p/n U674 and anti-seize as required.

Removed existing fuel pump P/N: 649368-60A7 S/N: B11HA183. Installed fuel pump P/N: 649368-60A7 S/N: B14EA225 in overhauled condition with new gasket p/n 649982 and existing hardware, reference FAA Form 8130-3 from Great Planes Fuel Metering, Inc. under w/o 21-633 dated 11/24/2021 for details. Performed fuel system set-up and adjustment procedures as required IAW CAT Manual M-0 CH6-4.7.4.1. Adjusted idle speed, idle mixture and Aneroid for full power fuel flow to specified limits. Performed operational check, no leaks noted. Mx performed IAW Continental TSIO-550 Series Maintenance and Overhaul Manual M-18 Chapter 10-2.

Adjusted LH and RH magneto to engine timing to specified limits. Mx performed IAW Continental standard practice manual, publication M-0, chapter 6-4.9.1.2.

Removed existing LH turbo oil return line Adel clamp and replaced with new P/N MS21919WDG17. Mx performed IAW Cirrus SR22/SR22T AMM, chapter 20-00.

Removed existing LH turbo coupling P/N 26611-002. Installed new LH turbo coupling Cirrus P/N 26611-002. MX performed IAW with Cirrus SR22/22T AMM Chapter 70-60.

Blend repaired LH intake airbox as required. Mx performed IAW AC 43.13-1B.

Stop drilled all cracks in engine baffling as required. Maintenance performed IAW AC 43.13-1B, figure 3-21.

Removed Cylinder #2 and #6 rocker cover gaskets and installed new silicone cover gaskets Qty.4 CMA P/N: 668893; torqued to specified limits. Leak checks satisfactory. Mx performed IAW Continental Service Letter SIL21-04B, Rev date: 2021/08/19.

Removed cylinder #5 induction gasket and replaced with new CMA P/N 649950. Leak checks satisfactory. Mx performed IAW Continental maintenance and overhaul manual, publication M-18, chapters 12-6 & 16-2.

Removed existing ALT-1 P/N 656802 S/N H-L091354. Installed new Hartzell ALT-1 P/N ES-10024 S/N H-V102030 with new gasket CMA P/N 653981. Installed new cotter pin P/N MS24665-302 to secure existing serviceable drive hub to alternator shaft. Operational and leak checks normal. Mx performed IAW Continental maintenance and overhaul manual, publication M-0, chapter 10-4.1.1 thru 10-4.1.5.

Removed existing induction air filters and replaced with new Cirrus P/N 27166-001 qty. 2. Mx performed IAW Cirrus SR22/22T AMM, Chapter 71-60.

Serviced and cleaned main fuel gascolator assembly. Re-assembled with new o-ring p/n MS29513-137 & new washer seal p/n NAS1523-8B. Leak checks normal. MX performed IAW the Cirrus SR22/22T AMM Chapter 53-40.

Maintenance performed in accordance with Model SR-22/22T AMM, CMA TSIO-550 Series OHL manual M-18 and Manual M-O.

Post inspection full power ground run and operational check performed with all indications normal and no defects or leaks noted.

I certify this engine has been inspected in accordance with an Annual / 100 hr. inspection and was determined to be in airworthy condition

SIGNATURE: *Matthew Hatfield*

FAA AUTHORIZATION:

2766522 IA



Glendale Aero Services

6841 N. Glen Harbor Blvd
Glendale, AZ 85307
623-414-4935

Registration: **N222RQ**

ENGINE LOG

Date: 1/12/2022

W/O: 80001112

Model: SR22T

Flt Hobbs: 797.8

S/N: 0264

Hobbs: 1083.8

Drained engine oil through 1000 Micron oil screen. No metals found. Took Blackstone oil sample to send for analysis. Serviced engine with QTY 8 QTS Phillips XC 20W50 oil. Operational and leak checks normal. MX performed IAW Cirrus SR22T AMM Chapter 12-10.

Troubleshoot erratic #4 CHT. Removed CHT sensor from #4 position, inspected sensor and wiring harness to #4 CHT with no defects found. Installed #4 sensor in #6 position and #6 sensor in #4 position for troubleshooting purposes. Ground-run-up and operational check performed with all indications normal and no defects noted. MX performed IAW Cirrus SR22T AMM Chapter 77-20.

Adjusted MAP to specified limits as required. MX performed IAW CMA M-18 MX and Overhaul Manual Chapter 6-3.10.

SIGNATURE: Matthew Hatfield

FAA AUTHORIZATION: 2766522 IA



OIL REPORT

LAB NUMBER: P60032
 REPORT DATE: 4/11/2022
 CODE: 63/68

UNIT ID: N222RQ
 CLIENT ID: 187258
 PAYMENT: CC: Visa

UNIT	MAKE/MODEL: Continental TSIO-550-K1B	OIL TYPE & GRADE: Phillips XC (A/C) 20W/50
	FUEL TYPE: Gasoline (Leaded)	OIL USE INTERVAL: 30 Hours
	ADDITIONAL INFO: Cirrus SR22T, S/N: 1005688	

CLIENT	ERIC LICHTENHELD	PHONE: (480) 550-2675
	190 W CONTINENTAL RD	FAX:
	GREEN VALLEY, AZ 85622	ALT PHONE:
		EMAIL: erl@intelsoln.net

COMMENTS ERIC: No problems to report for N222RQ. Wear metals and blow-by are at reasonable levels for a 30-hour interval, and metals compare well to this TSIO-550's averages (unit/location) and our averages (universal). We see no signs of mechanical trouble in this data. Oil consumption is okay at about 1 quart every 5 hours, and insolubles (solids from heat/use and blow-by) are not excessive at 0.3%. We'll hope to see similar results at the next oil change.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	30	UNIT / LOCATION AVERAGES					UNIVERSAL AVERAGES
	MI/HR on Unit	829	18	13	25		47	
	Sample Date	3/8/2022	798	780	770	710	618	
	Make Up Oil Added	6 qts	1/3/2022	11/16/2021	10/22/2021	8/28/2021	12/17/2020	
					6 qts			
ALUMINUM	3	5	2	2	3	5	4	7
CHROMIUM	14	17	12	14	23	26	10	22
IRON	82	89	62	76	135	149	57	76
COPPER	3	5	2	2	4	5	3	12
LEAD	4988	4676	3437	3308	5409	5572	5401	7606
TIN	0	1	0	0	0	3	2	2
MOLYBDENUM	3	3	2	3	5	6	2	7
NICKEL	22	26	16	22	34	28	20	28
MANGANESE	1	1	1	1	1	2	1	1
SILVER	0	0	0	0	0	0	0	0
TITANIUM	1	1	1	1	1	1	1	1
POTASSIUM	0	0	0	0	0	0	0	1
BORON	1	1	1	0	0	3	0	1
SILICON	9	10	13	7	8	15	5	8
SODIUM	1	1	0	1	1	2	1	1
CALCIUM	1	6	1	0	1	1	2	26
MAGNESIUM	0	0	0	0	0	0	0	1
PHOSPHORUS	5	119	5	4	7	11	37	228
ZINC	1	3	2	1	1	2	2	5
BARIUM	0	0	0	0	0	0	0	0

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	88.6	86-105	88.4	102.7	101.4	98.9	93.3
	cSt Viscosity @ 100°C	17.65	17.0-21.8	17.59	21.00	20.68	20.11	18.77
	Flashpoint in °F	480	>430	485	500	505	460	495
	Fuel %	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5
	Antifreeze %	-		-	-	-	-	-
	Water %	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Insolubles %	0.3	<0.6	0.3	0.4	0.4	0.4	0.4
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

416 E. PETTIT AVE. FORT WAYNE, IN 46806 (260) 744-2380 www.blackstone-labs.com

**Glendale Aero Services**

6841 N. Glen Harbor Blvd
Glendale, AZ 85307
623-414-4930

Registration: **N222RQ****ENGINE LOG**

Date: 4/14/2022

W/O: 80001287

Model: SR22T

Flt Hobbs: 843.9

S/N: 0264

Hobbs: 1140.8

Performed operational ground run of engine and all indications normal. Performed visual inspection of engine, found LH magneto pressurization fitting loose, tightened fitting. Tightened all induction tube clamps, performed inspection of turbos and all pressurization hoses. No other defects found. MX performed IAW Cirrus SR22/22T AMM Chapter 5-30.

SIGNATURE: *Brandon Musser*

FAA AUTHORIZATION: 4337201 A&P



Glendale Aero Services

6841 N. Glen Harbor Blvd
Glendale, AZ 85307
623-414-4935

Registration: **N222RQ**

Date: 5/6/2022

Model: SR22T

S/N: 0264

W/O: 80001353

Flt Hobbs: 851.7

Hobbs: 1150.6

ENGINE LOG

Drained oil through 1000 micron screen and took Blackstone sample for analysis. Removed existing filter and cut open to inspect, filter normal. Removed magnetic drain plug to inspect with no abnormal metal noted. Reinstalled drain plug with new gasket p/n MS35769-11 and safety wired. Installed new filter p/n CH48108-1 and serviced engine with 8qts of Phillips XC 20W50 oil. Performed static run with no leaks noticed. MX performed IAW the Cirrus SR22/22T AMM CH 12-10 and the CMA CSB07-01A dated 9/2/2020.

Performed borescope inspection of all cylinders IAW the CMA M-0 MM CH 6-4. All cylinders found serviceable at this time.

SIGNATURE: Matthew Hatfield

FAA AUTHORIZATION: 2766522 IA



Glendale Aero Services

6841 N. Glen Harbor Blvd
Glendale, AZ 85307
623-414-4935

Registration: **N222RQ**

Date: 1/1/2023

W/O: 80001624

Model: TSIO-550-K(1B)

Fit Hobbs: 919.2 Hobbs: 1231.4

S/N: 1005688

TSMOH: 919.2

ENGINE LOG

Complied with an annual inspection IAW 14 CFR 43 Appendix D & in reference to the Cirrus Aircraft 100 Hr. / Annual inspection checklist CH 5-20 & Precise Flight ICA.

AD's researched thru T-Data content revision 2022-26, see attached AD compliance list for details.

Compressions checked in accordance with CMA M-0 Sec. 6-4.11.2; 1-20, 2-65, 3-74, 4-68, 5-36, 6-62 / 80 (hot). Master Orifice 47. Borescope inspection of all cylinders performed IAW Section 6-4.11.3. Cylinders #1 and #5 found below master orifice limits. All remaining cylinders found to be serviceable at this time.

Drained oil thru 1000 micron screen. Took Blackstone oil sample to send for analysis. Removed existing filter and cut open to inspect, filter normal. Removed engine drain plug to inspect for metal, no metal noted. Reinstalled drain plug with new crush gasket p/n MS35769-11 and safety wired. Installed new oil filter p/n AA48109. Serviced engine with 8 quarts Phillips XC 20W-50 oil. Mx performed IAW the Cirrus SR22/22T AMM CH 12-10 & Continental manual M-18, and Continental CSB07-01A dated 9/2/2020.

Removed, cleaned, gapped, and rotated all spark plugs and reinstalled with new gaskets p/n U674 and anti-seize as required.

Removed existing Cylinder #1 P/N 658178A1 S/N AC11JB321 & Cylinder #5 P/N 658178A1 S/N AC11JA108. Installed cylinders P/N's 658595 #1 S/N AC16DA147, #5 S/N AC16CB390 in overhauled condition, reference FAA form 8130-3 from Aircraft Engine Specialists LLC under W/O C7151-22-05 Dated Sep/2022 for details. Installed cylinders with provided gasket kit. Performed static run, operational check normal and no leaks noticed. MX performed IAW CMA Engine Maintenance & Overhaul Manual M-18 Sec. 10-8.3 & 10-8.5. Post MX cylinder compressions 1-72, & 5-74 / 80 psi.

Adjusted both LH and RH magnetos to specified limits. MX performed IAW CMA Engine Maintenance & Overhaul Manual M-18 Sec. 6.3.9.1.2.

Serviced and cleaned main fuel gascolator assembly. Re-assembled with new o-ring p/n MS29513-137 & new washer seal p/n NAS1523-8B. Leak checks normal. MX performed IAW the Cirrus SR22/22T AMM Chapter 53-40.

Maintenance performed in accordance with Model SR-22/22T AMM, CMA TSIO-550 Series OHL manual M-18 and Manual M-O. Post inspection full power ground run and operational check performed with all indications normal and no defects or leaks noted.

I certify this engine has been inspected in accordance with an Annual / 100 hr. inspection and was determined to be in airworthy condition

SIGNATURE: **Matthew Hatfield**

FAA AUTHORIZATION:

2766522 IA

HARTZELL

**PROPELLER
OWNER'S MANUAL**



HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL PHC-13Y1F-1N

PROPELLER S/N N1537B

LOGBOOK # _____

PROPELLER MAINTENANCE RECORD

Position ONE

PITCH RANGE

Propeller Model PHC-33YIF-IN

High/Feather _____

Propeller S/N NI537B

Start Lock _____

Blade Design N7605B

Low _____

Blade S/N's

Reverse _____

No. 1 A5348

No. 2 A5350

Aircraft Manufacturer CIRRUS DESIGN CORP.

No. 3 A5354

Aircraft Model SR-22T

No. 4 _____

S/N 0264

No. 5 _____

Registration NZZZRQ

No. 6 _____

Spinner Assembly Part No. _____

Date	Propeller		A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections
	TSN	TSO		
12/14/11	.01	0.0	.01	<p>I have Dynamically Balanced Propeller IAW Hartzell Propeller Owner's Manual 145 Rev. 7 Dated Oct. 2009 Section 61-00-45 on <u>12/14/2011</u> (DATE). The location of the Weight(s) are <u>none</u> degree And are <u>none</u> gram(s).</p> <p><i>Ben Blair</i> (Sign/Stamp) MFG 437 Cirrus Design Corporation, PC 338CE</p>



LANDMARK AVIATION
14600 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400
N222RQ Date: December 7, 2012
Model # Cirrus SR-22T S/N 0264
ACTT: 90.6 HOBBS: 132.5
PHC-J3Y1F-1N s/n NJ537B PTT: 90.6
PROPELLER LOG ENTRY
Accomplished 50/100 hour annual inspection/lube in accordance with the manufacturer's service manual.
Performed 100 hour 12 month inspection and lubrication.
I certify that this **PROPELLER** has been inspected in accordance with a **100 HOUR** inspection and was found to be in an Airworthy Condition W.O. C29-12-01106

Ben Blair
Landmark Aviation FAA CRS# LN3R663L



LANDMARK AVIATION
14600 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400
N222RQ Date: December 20, 2013
Model # Cirrus SR-22T S/N 0264
ACTT: 142.9 HOBBS: 206.9
PHC-J3Y1F-1N s/n NJ537B PTT: 142.9
PROPELLER LOG ENTRY
Accomplished 50/100 hour annual inspection/lube in accordance with the manufacturer's service manual.
Performed 100 hour 12 month inspection and lubrication.
I certify that this **PROPELLER** has been inspected in accordance with a **100 HOUR** inspection and was found to be in an Airworthy Condition W.O. C29-13-01253

Ben Blair
Landmark Aviation FAA CRS# LN3R663L

**Description of all operations pertaining to Airworthiness Directives,
Service Documents, Overhaul, Major/Minor Repairs, etc.**

Date	Propeller TCM TSO	A/C Hrs
------	----------------------	------------

Crownair Aviation
FAA Approved Repair Station #CWNR273K
3753 John J. Montgomery Dr.
San Diego, CA 92123

Hartzell Propeller
N222RQ
12-14-18

PHC-J3Y1F-1N
Cirrus Design SR22T
Hobbs: 660.2 Hrs


S/N: NJ537B
S/N: 0264
Flight Hour Meter: 473.2 Hrs
PTT: 473.2 Hrs

Maintenance performed:

- Complied with **Annual Inspection** using Crownair Aviation Annual/100 Hour Inspection Checklist, Form CA 105. Researched ADs through bi-weekly issue of this date, all ADs are in compliance at this time.
- Serviced prop hub with Aeroshell #6 grease.

I certify that this **propeller** has been inspected in accordance with an **Annual Inspection** and was determined to be in airworthy condition.

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order No. PA-18-08428.


 Authorized Representative

GEMINI
 AIRGROUP

15001 North Airport Drive • Scottsdale, AZ 85260 • (480)991-5387

Tail Number: N222RQ Model: Cirrus SR22T S/N: 0264 Date: Dec 20, 2019
Prop Model: PHC-J3Y1F-1N Prop SN: NJ537B
Hobbs: 720.8 FLT Hobbs: 516.8 Prop TT: 516.8

PROPELLER LOG ENTRY

Accomplished the following maintenance:

Removed aircraft propeller cleaned, inspected, reinstalled with new o-ring (P/N 50977-001 S/N N/A) new nuts (P/N A-2044 S/N N/A) and torqued to 875-inch/lbs. Performed IAW Cirrus SR22T AMM Chapter 61-10. (Torque wrench Tool ID: GT009 CAL DUE 06-30-2020)

I certify that this aircraft has been inspected in accordance with an **Annual Inspection** within the scope and detail of FAR Part 43 Appendix D and was found to be in an airworthy condition.

I certify that the work listed above was repaired and inspected in accordance with the current Code of Federal Regulations, Title 14, Vol 1, Chap 1, part 43 and is approved for return to service. Pertinent details are on file at this agency under WO# 1119273.

Signature:  Gene Sorkine
 Cert: FAA CRS GNUR484X

**Glendale Aero Services**

6841 N. Glen Harbor Blvd
Glendale, AZ 85307
623-414-4930

Registration: **N222RQ**

Date: 1/12/2021

Model: PHC-J3Y1F-1N

S/N: NJ537B

W/O: 8000586

Flt Hobbs: 617.7 Hobbs: 860.8

PTSO: 617.7

PROPELLER LOG

Complied with an annual inspection IAW 14 CFR 43 Appendix D & in reference to the Cirrus Aircraft 100 hr. /annual inspection checklist CH 5-20 & Precise Flight ICA.

AD's researched thru T-Data content revision 2021-01, see attached AD compliance list for details.

Serviced propeller with Aeroshell 6 grease. Inspected and profiled minor nicks in blades as required.

Post maintenance ground run-up and operational checks performed with no leaks or defects noted.

I certify this propeller has been inspected in accordance with an Annual / 100 hr. inspection and was determined to be in airworthy condition

SIGNATURE: John Fisher

FAA AUTHORIZATION:

2734397 IA



Glendale Aero Services

6841 N. Glen Harbor Blvd
Glendale, AZ 85307
623-414-4935

Registration: **N222RQ**

Date: 12/9/2021

Model: PHC-J3Y1F-1N

S/N: NJ537B

W/O: 8000812

Flt Hobbs: 779.6 Hobbs: 1061.1

PTSO: 779.6

PROPELLER LOG

Complied with an annual inspection IAW 14 CFR 43 Appendix D & in reference to the Cirrus Aircraft 100 hr. /annual inspection checklist CH 5-20 & Precise Flight ICA.

AD's researched thru T-Data content revision 2021-25, see attached AD compliance list for details.

Removed propeller governor Cirrus p/n 21285-001 Hartzell p/n S-1-44F s/n G1074NJ to send out for repair. Installed same propeller governor in repaired condition with new gasket, reference FAA Form 8130-3 from Ottosen Propeller & Governor under w/o 119838 dated 11/8/2021 for details. Mx performed IAW Cirrus SR22/22T AMM, chapter 61-20.

Serviced propeller with Aeroshell 6 grease. Inspected and profiled minor nicks in blades as required.

Post maintenance ground run-up and operational checks performed with no leaks or defects noted.

I certify this propeller has been inspected in accordance with an Annual / 100 hr. inspection and was determined to be in airworthy condition

SIGNATURE: *Matthew Hatfield*

FAA AUTHORIZATION:

2766522 IA

**Glendale Aero Services**

6841 N. Glen Harbor Blvd
Glendale, AZ 85307
623-414-4935

Registration: **N222RQ**

Date: 1/1/2023

Model: PHC-J3Y1F-1N

S/N: NJ537B

W/O: 80001624

Flt Hobbs: 919.2 Hobbs: 1231.4

PTSO: 919.2

PROPELLER LOG

Complied with an annual inspection IAW 14 CFR 43 Appendix D & in reference to the Cirrus Aircraft 100 hr. /annual inspection checklist CH 5-20 & Precise Flight ICA.

AD's researched thru T-Data content revision 2022-26, see attached AD compliance list for details.

Serviced propeller with Aeroshell 6 grease. Inspected and profiled minor nicks in blades as required.

Post maintenance ground run-up and operational checks performed with no leaks or defects noted.

I certify this propeller has been inspected in accordance with an Annual / 100 hr. inspection and was determined to be in airworthy condition

SIGNATURE: **Matthew Hatfield**

FAA AUTHORIZATION:

2766522 IA

ADS

Engine Airworthiness Directive Compliance Record

Manufacturer		Model	Registration Number	Serial Number
Continental Motors		TSIO-550-K	N222RQ	1005688
AD Number	Description	Compliance		Remarks/Signed By
2016-21-04	Oil cooler cross fitting assembly	N/A, Incorporation of SB2X-79-04		Gemini Air Group CRS# GNUR484X
2016-16-12	Cylinder assemblies	N/A. Original CMI Cylinders		Gemini Air Group CRS# GNUR484X
2012-10-13	Starter adapters	Does not apply by Engine Manufacture date		Gemini Air Group CRS# GNUR484X
2012-03-06	Fuel servo diaphragm	N/A by Part not installed		Gemini Air Group CRS# GNUR484X
2011-25-51	Starter adapter shaft gears	<i>N/A. PRIOR TO Aircraft recivity CoFC Dec 29, 2011</i>		Gemini Air Group CRS# GNUR484X
2010-11-04	Hydraulic lifters	Does not apply by Engine Manufacture date		Gemini Air Group CRS# GNUR484X
2004-08-10	Serial-numbered (SN) cylinders	Does not apply by Engine Manufacture date		Gemini Air Group CRS# GNUR484X
2000-23-21	Crankshaft	Does not apply by Engine Manufacture date		Gemini Air Group CRS# GNUR484X
99-19-01	No. 2 and No. 5 Crankshaft Inspections	Does not apply by Engine Manufacture date		Gemini Air Group CRS# GNUR484X
96-12-22	Full Flow Engine Oil Adapter	Does not apply by Engine Manufacture date		Gemini Air Group CRS# GNUR484X
93-10-02	Missing Cylinder Valve Retainer Key	Does not apply by Engine Manufacture date		Gemini Air Group CRS# GNUR484X

Prepared By: *Keith Van der ...* CRS#: *GNUR484X* Date: *10/29/2019*

**Glendale Aero Services**

6841 N. Glen Harbor Blvd
 Glendale, AZ 85307
 623-414-4935

Registration: **N222RQ**

Date: 4/4/2024
 Model: SR-22T
 S/N: 0264

AIRFRAME LOG

W/O: 80002368
 Flt Hobbs: 982.1 Hobbs: 1311.2
 TTAF: 982.1

Complied with an annual inspection IAW 14 CFR 43 Appendix D & in reference to the Cirrus Aircraft 100 Hr. / Annual inspection checklist CH 5-20 & Precise Flight ICA.

AD's researched thru T-Data content revision 2024-06, see attached AD compliance list for details.

Life Limited Parts Status:

1. CAPS Rocket Motor p/n 29554-003, s/n 4627. **Expires 09/2031**
2. CAPS Parachute p/n 25574-004REB, s/n 0189R1. **Expires 09/2031**
3. CAPS Reefing Line Cutters p/n 26707-001, s/n 24564, 24579. **Expires 12/2029**
4. ELT Battery Pack. p/n 452-62199 **Expires 06/2025**
5. EMA Controller, AAIR p/n 23080-050, s/n 508358-421. **Expires 10/2025**
6. Oxygen Bottle Assembly p/n 102N0100-1, MFG Date 3/2011. **Expires 03/2026**
7. CO Detector p/n 454-201-001B s/n 10522. **Expires 02/2027**
8. Pilot Seat Inflator Assembly p/n 512847-401 s/n Z7FH32600510. **Expires 03/2036**
9. Co-pilot Seat Assembly p/n 512847-401 s/n Z7FH32600502. **Expires 03/2036**

Complied with 14 CFR 91.207 (d) ELT, by installation inspection and operational check. Operational checks normal. Battery replacement next due **6/2025**.

Complied with Cirrus **SB2X-25-30R1**, Crew seatback breakover bolt inspection. Measured Bolts. Adjusted Pilot LH breakover bolt and co-pilot LH and RH bolts to proper limits. MX performed IAW the SB2X-25-30R1.

Cirrus **SB2X-95-27R4**, Replacement of CAPS rocket igniter, N/A by aircraft S/N. No further action required.

Complied with **6-year** CAPS reefing line cutter replacement. Removed existing line cutters p/n 26707-001 qty 2 s/n 1681 and 1701. Installed new line cutter kit p/n 25347-002 that included cutters p/n 26707-001 qty 2 s/n 24564 and 24579 with manufacture dates of 12/2023. MX performed IAW the Cirrus SR22/22T CAPS CMM 95-01 dated 5/2021. Line cutter replacement next due **12/2029**.

Complied with **5-year** hydrostatic inspection and regulator overhaul. Removed existing oxygen cylinder assembly p/n 026N2003-3 s/n HPR101285. Installed oxygen cylinder assembly p/n 102N0100-1 s/n HPR101285/4240 in overhauled condition, reference FAA form 8130-3 from Precise Flight Inc. under work order 131164 dated 2/19/24. Serviced oxygen cylinder, no defects or leaks noted at this time. Mx performed IAW the Precise Flight ICA 102NMAN0003 Rev H 5/23. Next hydrostatic inspection due **2/2029**.

Complied with **12-year** seatbelt inflator replacement. Replaced co-pilot seatbelt inflator assembly P/N 508794-401 S/N AA1118Y20472 with new P/N 512847-401 S/N Z7FH32600510. Installed new inflator assembly fitting P/N 513104-201. Replaced pilot side seatbelt inflator assembly P/N 508794-401 S/N AAS1118Y20482 with new P/N 512847-401 S/N Z7FH32600502. Installed new inflator assembly fitting P/N 513104-201. Torqued fitting and hose fitting to specification after applying Loctite Torqued fitting and hose fitting to specification after applying Loctite. MX performed IAW the Cirrus SR22/22T AMM CH 25-20. Inflators next due **3/2036**.

Secured MLG fairing gromets as required. MX performed IAW the Cirrus SR22/22T AMM CH 32-10.

Removed existing NLG hinge tab. Installed a new NLG hinge tab p/n 26960-104 using new rivets p/n MS20470AD4-3 qty. 2. Mx performed IAW the Cirrus SR22/22T AMM, chapter 32-20.

Removed existing brake linings. Installed new brake linings p/n 066-06200 qty 8. Operational check normal. MX performed IAW Cirrus SR22/SR22T AMM chapter 32-42.

Installed owner supplied tow lug. MX performed IAW the Cirrus SR22/22T AMM CH 32-20.

Continued, Page 1 of 2

Page 2 of 2

Complied with 50 & 100 hour lubrication schedule per Cirrus Model SR22/22T AMM Chapter 5-20 and CH 12.

Maintenance and repairs performed in accordance with the Cirrus model SR-22/22T Aircraft Maintenance Manual.

I certify this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition

SIGNATURE: **Matthew Hatfield**FAA AUTHORIZATION: **2766522 IA**



Glendale Aero Services

6841 N. Glen Harbor Blvd
Glendale, AZ 85307
623-414-4935

Registration: **N222RQ**

Date: 4/4/2024

Model: TSIO-550-K(1B)

S/N: 1005688

W/O: 80002368

Ft Hobbs: 982.1 Hobbs: 1311.2

TSMOH: 982.1

ENGINE LOG

Complied with an annual inspection IAW 14 CFR 43 Appendix D & in reference to the Cirrus Aircraft 100 Hr. / Annual inspection checklist CH 5-20 & Precise Flight ICA.

AD's researched thru T-Data content revision 2024-06, see attached AD compliance list for details.

AD 2023-09-09, Failure of spot welded V-band clamps, N/A by V-band clamps are riveted not spot welded. No further action required.

AD 2023-05-16, CAT crankshaft counterweight inspection. Engine serial number (1005688) is not listed in Appendix 1 of MSB23-01A. AD 2023-05-16 does not apply to this engine, no further action required. Mx performed IAW AD 2023-05-16 & MSB23-01A.

AD 2023-02-12, SAP cylinder intake valve failures, N/A by no SAP cylinders installed. No further action required.

Complied with **500-hour** magneto inspection by removing LH magneto p/n 10-500556-101 s/n D11GA149 for 500 hour inspection and removing RH magneto p/n 10-500556-101 s/n D11FA201 for 500 hour inspection. Installed repaired LH magneto p/n 500556-101 s/n D11GA149, using a new gasket p/n 649954. Reference FAA form 8130-3 from AES LLC. under w/o M7436-24-02 dated 3/6/2024. Installed repaired RH magneto p/n 500556-101 s/n D11FA201, using a new gasket p/n 649954. Reference FAA form 8130-3 from AES LLC. under w/o M7437-24-02 dated 3/5/2024. Adjusted magneto-to-engine timing into allowable limits. Performed static run, no leaks noted. MX performed IAW Continental maintenance and overhaul manual, publication M-18, chapters 10-6.1, & 10-6.4 of Continental M-0 maintenance and overhaul manual.

Complied with **300-hour** fuel injector cleaning. Removed all fuel injectors. Cleaned fuel injectors and screens in Hoppe's solvent. Reinstalled fuel injectors with new O-rings p/n 630979-9 qty. 6, new washer's p/n X1473 qty. 6, and new washer's p/n 640612 qty. 6 with anti-seize as required. MX performed IAW the Continental Standard Practice Maintenance Manual M-0 Dated Aug 2021 CH 10-2.

Compressions checked in accordance with CMA M-0 Sec. 6-4.11.2; 1-65, 2-60, 3-45, 4-62, 5-70, 6-54 / 80 (hot). Master Orifice 35. Borescope inspection of all cylinders performed IAW Section 6-4.11.3. All cylinders found to be serviceable at this time.

Drained oil thru 1000 micron screen. Took Blackstone oil sample to send for analysis. Removed existing filter and cut open to inspect, filter normal. Removed engine drain plug to inspect for metal, no metal noted. Reinstalled drain plug with new crush gasket p/n MS35769-11 and safety wired. Installed new oil filter p/n AA48108-2. Serviced engine with 8 quarts Phillips XC 20W-50 oil. Mx performed IAW the Cirrus SR22/22T AMM CH 12-10 & Continental manual M-18, and Continental CSB07-01A dated 9/2/2020.

Removed, cleaned, gapped, and rotated all spark plugs and reinstalled with new gaskets p/n U674 and anti-seize as required.

Removed existing deteriorated grommet at RH baffle wire pass thru. Installed a new grommet p/n MS35489-150. Mx performed IAW the Cirrus SR22/22T AMM, chapter 20-00.

Removed all existing upper deck air reference hoses. Installed new air reference hosing P/N AN6270-4D-0135, P/N 359-4D-0131, P/N AN6270-4D-0252, P/N AN6270-4D-0246, P/N AN6270-2D-0134, P/N AN6270-2D-0216. MX performed IAW the CAT M-18 MM CH 17 and M-0 MM Appendix B.

Torqued oil sump bolts to specification. Performed static run, no active leaks noted. MX performed IAW the CAT M-0 MM Appendix B.

Removed damaged oil suction hose. Installed a new oil suction hose p/n 646644Y10S16.00. Torqued to appendix B specifications. No leaks noted. Mx performed IAW the Continental Maintenance and Overhaul Manual M-18 CH 17-10 dated July 2015.

Replaced ALT 2 cover grommet with new P/N AN931-14-20. MX performed IAW the Cirrus SR22/22T AMM 24-30.

Stop drilled RH rear baffle with #40 drill bit. MX performed IAW AC 43.13-1B Section 4.

Serviced and cleaned main fuel gascolator assembly. Re-assembled with new O-ring p/n MS29513-137 & new washer seal p/n NAS1523-8B. Leak checks normal. MX performed IAW the Cirrus SR22/22T AMM Chapter 53-40.

Maintenance performed in accordance with Model SR-22/22T AMM, CMA TSIO-550 Series OHL manual M-18 and Manual M-0. Post inspection full power ground run and operational check performed with all indications normal and no defects or leaks noted.

I certify this engine has been inspected in accordance with an Annual / 100 hr. inspection and was determined to be in airworthy condition

SIGNATURE: **Matthew Hatfield**

FAA AUTHORIZATION:

2766522 IA



OIL REPORT

LAB NUMBER: S022848

UNIT ID: N222RQ

REPORT DATE: 2/23/2024

CLIENT ID: 77732

CODE: 20/436

PAYMENT: CC Online (Bulk)

UNIT	MAKE/MODEL: Continental TSIO-550-K1B	OIL TYPE & GRADE: Phillips XC (A/C) 20W/50
	FUEL TYPE: Gasoline (Leaded)	OIL USE INTERVAL: 30 Hours
	ADDITIONAL INFO: Cirrus SR22T, S/N: 1005688	

CLIENT	KIM KUBIAK	PHONE: (623) 877-3333
	GLENDALE AERO SERVICES	FAX:
	6841 N GLEN HARBOR BLVD	ALT PHONE: (602) 628-6029
	GLENDALE, AZ 85307	EMAIL: kimberly.kubiak@gas-az.com, john.fisher@gas-az.com, joshua.joseph@gas-az.com

COMMENTS
 KIM: Good results! Metals are reading at good levels after this 30-hour run. Iron is continuing to trend down, which suggests steel parts are getting along well under the cowl. No contamination was found, and the oil is properly filtered. Keep up the good work with N222RQ.

ELEMENTS IN PARTS PER MILLION	MI/HR on Oil	30	UNIT / LOCATION AVERAGES	33	35	33	54	30	UNIVERSAL AVERAGES
	MI/HR on Unit	982		952	919	884	852	829	
	Sample Date	2/1/2024		4/28/2023	11/10/2022	7/29/2022	5/6/2022	3/8/2022	
	Make Up Oil Added							6 qts	
ALUMINUM	5	5	8	3	4	5	3	6	
CHROMIUM	16	22	22	14	18	19	14	21	
IRON	78	74	96	93	132	140	82	73	
COPPER	6	12	8	3	4	4	3	11	
LEAD	3969	7206	4264	5119	5941	6088	4988	7333	
TIN	2	2	1	1	0	3	0	2	
MOLYBDENUM	6	8	9	4	5	4	3	7	
NICKEL	26	26	47	30	30	32	22	26	
MANGANESE	1	1	2	1	1	1	1	1	
SILVER	0	0	0	0	0	0	0	0	
TITANIUM	1	1	1	1	1	1	1	1	
POTASSIUM	0	0	0	0	0	0	0	0	
BORON	1	1	1	1	1	3	1	1	
SILICON	7	8	11	5	8	10	9	8	
SODIUM	1	1	2	2	2	1	1	2	
CALCIUM	1	10	2	1	1	1	1	26	
MAGNESIUM	0	0	1	0	0	0	0	1	
PHOSPHORUS	6	105	7	4	5	6	5	203	
ZINC	2	5	4	1	2	1	1	5	
BARIUM	0	0	0	0	0	0	0	0	

Values Should Be*

PROPERTIES	SUS Viscosity @ 210°F	99.5	86-105	100.1	92.8	96.0	93.4	88.6
	cSt Viscosity @ 100°C	20.25	17.0-21.8	20.38	18.65	19.42	18.79	17.65
	Flashpoint in °F	455	>430	465	495	460	480	480
	Fuel %	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5
	Antifreeze %	-		-	-	-	-	-
	Water %	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Insolubles %	0.4	<0.6	0.4	0.4	0.4	0.3	0.3
	TBN							
	TAN							
	ISO Code							

* THIS COLUMN APPLIES ONLY TO THE CURRENT SAMPLE

416 E. PETTIT AVE. FORT WAYNE, IN 46806 (260) 744-2380 www.blackstone-labs.com



Glendale Aero Services

6841 N. Glen Harbor Blvd
Glendale, AZ 85307
623-414-4935

Registration: **N222RQ**

Date: 4/4/2024

Model: PHC-J3Y1F-1N

S/N: NJ537B

PROPELLER LOG

W/O: 80002368

Flt Hobbs: 982.1 Hobbs: 1311.2

PTSO: 982.1

Complied with an annual inspection IAW 14 CFR 43 Appendix D & in reference to the Cirrus Aircraft 100 hr. /annual inspection checklist CH 5-20 & Precise Flight ICA.

AD's researched thru T-Data content revision 2024-06, see attached AD compliance list for details.

Removed propeller governor p/n S-1-44F s/n G1074NJ. Installed overhauled propeller governor p/n S-1-44F s/n G1074NJ, reference FAA form 8130-3 from Ottosen Propeller & Accessories Inc, under work order 124549, dated 3/29/2024. Torqued attaching hardware to specification. Mx performed IAW the Cirrus SR22/22T AMM, chapter 61-20.

Serviced propeller with Aeroshell 6 grease. Inspected and profiled minor nicks in blades as required.

Post maintenance ground run-up and operational checks performed with no leaks or defects noted.

I certify this propeller has been inspected in accordance with an Annual / 100 hr. inspection and was determined to be in airworthy condition

SIGNATURE: **Matthew Hatfield**

FAA AUTHORIZATION:

2766522 IA